First Nations Water Rights in British Columbia

A Historical Summary of the rights of the Coldwater First Nation

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FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:

A Historical Summary of the rights of the Coldwater First Nation

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Gary Robinson
Project Manager
Water Management Branch

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FIRST NATIONS WATER RIGHTS REPORT

BAND: Coldwater First Nations

ADDRESS: P.O. Bag 4600, Merritt, BC, V0K 2B0

CHIEF: Gordon F. Antoine

PHONE: 378-6174 **FAX:** 378-5351

AFFILIATION: Nicola Valley Tribal Council

LOCATION:

The Coldwater Band occupies three reserves south of Merritt in the southern interior of the province:

- Coldwater No. 1: a 1,836.6 hectare reserve, located 7 kilometres southwest of Merritt, on the Coldwater River.
- Paul's Basin No. 2: a 645.1 hectare reserve, located 17 kilometres southwest of Merritt on the west bank of the Coldwater River.
- Gwen Lake No. 3: a 17.2 hectare reserve, located 10 kilometres south of Merritt, on Gwen Lake.

The most recent figures compiled by the Ministry of Finance report that there are 387 Band members living on-reserve, and 247 living off-reserve, for a total population of 634 registered members living on- and off-reserve.

The reserves are located in the Interior Plateau region of the province, and are bordered in the southwest by the Cascade Mountains. Elevations of the reserves vary from 2200 to 4100 feet above mean sea level. Located in one of the hottest and driest areas in the southern interior, the area experiences average daily temperatures which range from lows in January of -10 degrees centigrade, to highs of 16 to 20 degrees centigrade in July. The area receives less than 30 centimetres of precipitation, annually.

Water courses of significance include:

- Coldwater River: a tributary of the Nicola River, which forms the eastern boundary of Paul's Basin No. 2. The River flows northeast through the centre of Coldwater No. 1, entering at the southwest corner and exiting through the northeast corner.

- Kwinshatin Creek: a tributary of the Coldwater River, which flows northwest through the southeastern corner of Coldwater No. 1.

- Lemoto, Oluk, Talapus and West Midday Creeks: tributaries of the Coldwater River, located northwest of, and partially within, Coldwater No. 1. Lemoto Creek has been partially diverted south into West Oluk Creek, which flows into Oluk Creek. Oluk Creek enters the northwestern corner of Coldwater No. 1 and flows south into the Coldwater River. Talapus Creek originates just outside the northwest corner of Coldwater No. 1 and flows south through the reserve, discharging into the Coldwater River.

- Midday Creek: enters the northwestern part of Paul's Basin No. 2, flows southeast through the reserve, and discharges into the Coldwater River.

- Read, Cam, and North Creeks: originates to the west of Paul's Basin No. 2, flows east through the reserve, and discharges into Midday Creek.

- Skuagam Creek: flows northwest through the southeast corner of Coldwater No. 1, and discharges into the Coldwater River.

- un-named stream: flows south through the northeast corner of Gwen Lake No. 3. The unnamed stream appears to discharge into Gwen Lake.

WATER ALLOCATIONS:

There are no records of water allocations from the Lieutenant Governor-in-Council, by Order-in-Council, granting water rights to the Coldwater First Nation.

The water rights of the Coldwater Band have been determined by four actions of government over the years:

1) Allotments by the Indian Reserve Commissioners.

Following Confederation, the Province and the Dominion established an Indian Reserve Commission which was responsible for the reservation of lands for the Indians. The Commissioners also facilitated the transfer of the lands in question to Dominion title. In setting apart lands for reserves, the Reserve Commissioners made it their practice to allot water with the lands. This practice was unique among Indian Reserves in Canada. The authority of the Commissioners to allot water rights has always been disputed by the Province.

2) Determinations of the Board of Investigation under the *Water Act, 1914* with respect to claims filed by the Department of Indian Affairs. Often the Board recommended the ratification of water records through the issue of water licenses.

3) Granting of water licenses in response to Federal Government applications requesting authorization for the use of water on reserve lands.

4) Actions to amend licensed rights pursuant to provisions contained in the *Water Act*.

HISTORY, CURRENT STATUS, AND NOTES

The history of water rights, the current status of rights, and notes for the Coldwater Band with respect to Coldwater River, Kwinshatin Creek, Lemoto, Oluk, and Talapus Creeks, Midday, West Midday, Read, Cam and North Creeks, Skuagam Creek, and an un-named stream which flows into Gwen Lake, are as follows:

Coldwater River

History:

Sep 11, 1878 A Minute of Decision of the Indian Reserve Commission allocated water for the use of Lower Nicola Indians, on a reserve on the Coldwater River described as::

"A reserve on the Coldwater River about 69 miles from Hope on the Hope-Nicola trail."

The description provided above indicates that the allocation was intended for the reserve currently known as Coldwater No. 1. Based on this assumption Coldwater No. 1 was allocated the following:

"100 inches of water for irrigation and other purposes are assigned prior to all other claims from the Coldwater River and particularly from Kwinshatin stream and also from all other sources of water supply which, on survey, may be found available."*

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

Sep 11, 1878 A Minute of Decision of the Indian Reserve Commission described an allocation of water to Paul's Basin Indian Reserve:

"100 inches of water for irrigation and other purposes are assigned from all sources of water supply which, on survey, may be found available."

The Coldwater River forms the eastern border of Paul's Basin No. 2.

Dec 1, 1922 The Board of Investigation, through Board Order No. 4499, set out that a conditional license should be issued which would:

i) provide for the diversion of water from Coldwater River and Kwinshatin Creek;
ii) take precedence from May 2, 1889; and
iii) authorize the diversion of a maximum of 672 acre feet of water per year for irrigation on 336 acres of Kwinshatin Reserve No. 1 (Coldwater No. 1), with a maximum quantity of 2 acre feet being used on any acre of the said lands in any year. Of the 672 acre feet allocated, 6000 gallons of water per day per year was recommended to be made available for domestic application.

Dec 1, 1922 The Comptroller of Water Rights issued Conditional Water License (hereafter referred to as CL) 6650, which embodied the terms and conditions set out in Board Order 4499.

May 1, 1937 A.L. Patchete, whose land was to be affected by works proposed under an application submitted by Indian Affairs, certified that he approved the use of his irrigation works and ditch by the Coldwater Indians. Through this approval the Coldwater Band was able to convey water authorized for diversion and use under CL 13268 from the Coldwater River to Paul's Basin No. 2. By this

correspondence Mr. Patchete additionally granted right-of-way on his property for attending to maintenance of the irrigation works.

June 20, 1937 In accordance with an application filed by the Director of Indian Affairs, the Comptroller of Water Rights issued CL 13268, bearing a precedence date of May 6, 1937. The license authorizes the use of 12.5 acre feet of water per year for irrigation, between April 1 and September 30. The appurtenant lands are defined as 5 acres of Paul's Basin No. 2, in the vicinity of Coldwater River.

Feb 28, 1939 The Department of Indian Affairs filed a Proof of Completion declaration, which confirmed that the water authorized for use under CL 6650, was being beneficially used.

Mar 19, 1940 An Indian Agent acting on behalf of the Coldwater Band declared on a Proof of Completion form, that 5 acres of land had been irrigated, and that 12.5 acre feet of water per year had been used, under CL 13268.

Nov 26, 1940 A District Engineer stated in a 'Report For Final License' that only 188.5 acres of land was being irrigated under CL 6650, 102.5 acres from the Coldwater River and 86 acres from Kwinshatin Creek; this was less than the area of authorized for irrigation.

Nov 26, 1940 A District Engineer stated in a 'Report For Final License' that 4 acres of land had been irrigated, and that 2.5 acre feet of water per acre was being used, under CL 13268.

Feb 15, 1941 The Comptroller of Water Rights issued two Final Water Licenses (hereafter referred to as FL) in substitution of CL 6650:

FL 11230, issued to the Director of Indian Affairs, with a precedence date of May 2, 1889, authorized the diversion of 205 acre feet per year for irrigation. The water was authorized for use from May 1 to September 30, and the appurtenant lands were specified as 102.5 acres of Coldwater No. 1.

FL 11231, authorized diversion and use of water from Kwinshatin Creek. Specifics of the allocation are provided under the history of Kwinshatin Creek.

Feb 15, 1941 The Comptroller of Water Rights issued FL 11229 to the Director of Indian Affairs, bearing a precedence date of May 6, 1937. The license authorizes the diversion of 10 acre feet of water per year for irrigation purposes. The water is authorized for use from April 1 to September 30, and the appurtenant lands are specified as 4 acres of Paul's Basin No. 2, in the vicinity of Coldwater River.

Current Status:

There are currently 22 licenses active on Coldwater River, two (2) of which are for the benefit of the Coldwater Band. Of the licenses currently active:

- 16 authorize the use of water for irrigation purpose, from April 1 to September 30, for a total of 1571.9 acre feet per year.
- 4 authorize the use of water for waterworks, year-round, for a total of 708,538,000 gallons per year.
- 2 authorize the use of water for domestic purpose, year-round, at volumes of 1000 and 500 gallons per day.
- 1 authorizes the use of water for conservation, year-round, in the amount of 3 cubic feet per second.

The rights held by the Coldwater Band under FL 11230 are first in priority on Coldwater River. The rights held by the Band under FL 11229 fifth in priority.

The Water Survey of Canada reports that gauging stations have been operated at Station No. 08LG048 (Coldwater River near Brookmere) and Station No. 08LG10 (Coldwater River at Merritt). The data recorded from Station No. 08LG10 provides the most accurate description of flows on the River in the vicinity of the Coldwater Reserves. Station No. 08LG10 measured flows year-round from 1913 to 1990. For the period, a low mean monthly flow of 1.29 cubic metres per second was recorded in September, which increased to a high mean monthly flow in May of 30.3 cubic metres per second.

Additional water availability information was reported by the District Engineer in a letter addressed to the Comptroller in 1965. The letter stated that the Coldwater River was considered to be fully recorded during the late irrigation season. Additionally, the Coldwater, as tributary to the Nicola River, is registered as fully recorded in late fall.

Notes:

1. The allocation of water made under Conditional License 6650 appears to be consistent with the allocation made in the 1878 Minute of Decision of the Indian Reserve Commission.

2. The Coldwater Band's rights to the waters of Coldwater River, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

3. The issue of Final Water License 11230, in substitution of Conditional Water License 6650, resulted in a reduction of licensed water rights for the Coldwater Band on Coldwater River.

Kwinshatin Creek

History:

Sep 11, 1878 A Minute of Decision of the Indian Reserve Commission allocated water for the use of Lower Nicola Indians, on a reserve on the Coldwater River described as::

"A reserve on the Coldwater River about 69 miles from Hope on the Hope-Nicola trail."

The description provided above indicates that the allocation was intended for the reserve currently known as Coldwater No. 1. Based on this assumption Coldwater No. 1 was allocated the following:

"100 inches of water for irrigation and other purposes are assigned prior to all other claims from the Coldwater River and particularly from Kwinshatin stream and also from all other sources of water supply which, on survey, may be found available."*

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

Dec 1, 1922 The Board of Investigation, through Board Order No. 4499, set out that a conditional license should be issued which would:

i) provide for the diversion of water from Coldwater River and Kwinshatin Creek;
ii) take precedence from May 2, 1889; and
iii) authorize the diversion of a maximum of 672 acre feet of water per year for irrigation on 336 acres of Kwinshatin Reserve No. 1 (Coldwater No. 1), with a maximum quantity of 2 acre feet being used on any acre of the said lands in any year. Of the 672 acre feet allocated, 6000 gallons of water per day per year was recommended to be made available for domestic applications.

Dec 1, 1922 The Comptroller of Water Rights issued CL 6650, which embodied the terms and conditions set out in Board Order 4499.

Feb 28, 1939 The Department of Indian Affairs filed a Proof of Completion declaration, which confirmed that the water authorized for use under CL 6650, was being beneficially used.

Nov 26, 1940 A District Engineer stated in a Report For Final License that only 188.5 acres of land was being irrigated, 102.5 acres from the Coldwater River and 86 acres from Kwinshatin Creek. This was less than the full area of land intended for irrigation in CL 6650. He stated that water was used to advantage.

Feb 15, 1941 The Comptroller of Water Rights issued two Final Water Licenses in substitution of CL 6650:

i) FL 11230 authorizes diversion of water from the Coldwater River. Refer to the Coldwater River history for specifics of FL 11230.
ii) FL 11231, was issued in the name of the Director of Indian Affairs with a precedence date of May 2, 1889. The license authorizes the diversion of 172 acre feet per year from Kwinshatin Creek for irrigation from May 1 to September 30. The appurtenant lands are defined as 86 acres of Coldwater No. 1.

To facilitate the construction of works authorized under FL 11231, the Deputy Minister of Lands issued Permit No. 2033. Permit No. 2033 authorizes the occupation of a parcel of Crown land measuring 500 feet in length, 125 feet in width, and .17 acres. The parcel lies south of Reserve No. 1 and is known as "expired S.T.L. 334400".

Nov 5, 1965 The Comptroller of Water Rights wrote to the Director of Indian Affairs with regard to an application for a water license on Kwinshatin Creek. The letter stated that a District Engineer had found that Kwinshatin Creek is tributary to a major stream, Coldwater River, which is fully recorded during the late irrigation season.

The Comptroller reported that full irrigation rights were not exercised under FL 11231 on Kwinshatin Creek. If the Department of Indian Affairs agreed to a reduction in allocation under FL 11231 of 6.60 acre feet per year, the Comptroller stated that a license authorizing the use of 5,000 gallons per day for waterworks purposes from Kwinshatin Creek, could be issued.

Jan 5, 1966 The Indian Commissioner for B.C. agreed, in a letter to the Comptroller of Water Rights, to reduce the amount of water available under FL 11231 in order to obtain a license authorizing use and diversion of 5,000 gallons per day for waterworks purposes.

May 16, 1966 The Comptroller of Water Rights issued CL 30978, bearing a precedence date of June 12, 1964. The license authorizes the diversion and use of 5,000 gallons of water a day for waterworks purposes, year-round. The appurtenant lands are specified as Coldwater No. 1 lying east of the Coldwater River.

Aug 15, 1966 The Comptroller of Water Rights issued FL 19457 in substitution of FL 11231, to the Indian Affairs Branch. FL 19457 was assigned a precedence date of May 2, 1889. The license authorizes the diversion and use of 165.4 acre feet of water per year for irrigation purposes, from May 1 to September 30. The appurtenant lands are defined as Coldwater No. 1, of which 82.7 acres may be irrigated.

Mar 15, 1978 The Comptroller of Water Rights issued FL 49866 to the Minister of Indian Affairs. The license has the same details as, and was issued in substitution of, CL 30978.

Current Status:

FL 19457 and FL 49866, both held by the Coldwater Band, are the only licenses active on Kwinshatin Creek. The Band, therefore, has first and second priority rights on the Creek.

Water Survey of Canada records report that data from Kwinshatin Creek was received from only the months of May and June of 1928, at Station No. 08LG027. The mean flow for May was recorded at 0.283 cubic metres per second, and the mean flow for June was recorded at 0.082 cubic metres per second.

Notes:

1. The allocation of water made under Conditional License 6650 appears to be consistent with the 1878 Minute of Decision recorded by the Indian Reserve Commission.

2. The Coldwater Band's rights to the waters of Kwinshatin Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

3. The Band's application for domestic water which was issued as CL 30978 may have been an attempt to regain rights previously held under CL 6650. As such, the priority date of May 2, 1889 may be applicable to these rights.

4. The issue of Final Water License 11230 and 11231 in substitution of Conditional Water License 6650, resulted in a reduction of licensed water rights for the Coldwater Band on Kwinshatin Creek.

Lemoto, Oluk, and Talapus Creeks

History:

Sep 11, 1878 A Minute of Decision of the Indian Reserve Commission allocated water for the use of Lower Nicola Indians, on a reserve on the Coldwater River described as::

"A reserve on the Coldwater River about 69 miles from Hope on the Hope-Nicola trail."

The description provided above indicates that the allocation was intended for the reserve currently known as Coldwater No. 1.

Based on this assumption, Coldwater No. 1 was aliocated the following:

"100 inches of water for irrigation and other purposes are assigned prior to all other claims from the Coldwater River and particularly from Kwinshatin stream and also from all other sources of water supply** which, on survey, may be found available."*

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

** Note: Talapus Creek and Oluk Creek flow into Coldwater No. 1 and drain into the Coldwater River.

Jul 2, 1965 In response to an application filed by Indian Affairs, the Comptroller of Water Rights issued CL 30077. CL 30077 was assigned a precedence date of July 30, 1962 and authorizes the diversion and use of 40 acre feet year from April 1 to September 30, for irrigation purposes. Of the total 40 acre feet allocation 22 acre feet may come from Lemoto Creek, 6 acre feet from Oluk Creek, and 12 acre feet from Talapus Creek. The appurtenant lands are defined as Coldwater No. 1, of which 20 acres may be irrigated.

Permit No. 5859 was issued in support of CL 30077 and authorizes the occupation of 2.3 acres of Crown Land, within Lot 4289, Kamloops Division of Yale District and Lots 602 and 603, Yale Division of Yale District.

Jun 29, 1995 In a letter to the Chief of the Coldwater Band, a Water Management Officer noted that while they were investigating an application for a water license on Lemoto Creek by another individual, they found the works authorized under CL 30077 in a state of disrepair. The Officer reported that no intakes were found on either of the two creeks by all appearances ditches in the vicinity had not conveyed water for many years.

Jul 12, 1995 In a letter to a Water Management Officer, the Chief of Coldwater Band stated that the Band objected to the application for a water license on Lemoto Creek. He stated that B.C. Forestry had interfered with the intakes by cutting off the flow of water for their water tank purposes, and that heavy logging in the past had decreased the consistent flow of the creeks.

Current Status:

There is currently one license active on Lemoto Creek, and one application outstanding. Application 103140 requests authorization for the use and diversion of 500 gallons per day, year-round, for stockwatering purposes, and 15 acre feet, from April 1 to September 30, for irrigation. CL 30077, held by the Coldwater Band, has first priority on Lemoto Creek.

There are currently two licenses active on Oluk Creek. CL 28274, held by the Merritt Forest District, authorizes the use of 2,000 gallons per day per year, for stockwatering, and 8 acre feet, from Oct 1 to June 15, for non-power storage. CL 30077, held by the Coldwater Band, is second in priority on Oluk Creek.

There are currently two licenses active on Talapus Creek. CL 28273, held by the Merritt Forest District, authorizes the use of 2,000 gallons a day year-round for stockwatering, and 12 acre feet, from Oct 1 to June 15, for non-power storage. CL 30077, held by the Coldwater Band, is second in priority on Talapus Creek.

The Water Survey of Canada has no records for Lemoto, Oluk, or Talapus Creeks. No alternate sources of water availability data for either of the three Creeks, was located during the course of this review.

Notes:

1. The Coldwater Band's rights to the waters of Lemoto, Oluk, or Talapus Creeks, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

Midday, West Midday, Read, Cam and North Creeks

History:

Sep 11, 1878 A Minute of Decision of the Indian Reserve Commission described an allocation of water to Paul's Basin Indian Reserve:

"100 inches of water for irrigation and other purposes are assigned from all sources of water supply which, on survey, may be found available."*

Midday Creek and West Midday Creek flow through Paul's Basin No. 2.

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

Dec 1, 1922 Through Board Order Number 4502 the Board of Investigation, recommended that a conditional license should be issued which would:

i) provide for the diversion of water from Midday Creek;
ii) take precedence from May 2, 1889; and
iii) authorize the diversion of 348 acre feet per year, to be used on 174 acres of land within Paul's Basin No. 2. The maximum quantity being used on any acre was specified as 2 acre feet, and of the 348 acre feet allocated, it was recommended that 3000 gallons of water per day per year should be made available for domestic applications.

Dec 1, 1922 The Comptroller of Water Rights issued CL 6656, which embodied the terms and conditions set out in Board Order 4502.

Nov 8, 1928 An Indian Agent, acting on behalf of the Coldwater Band, filed a Proof of Completion form with regard to CL 6656. The form reported that 110 acres were actively being irrigated; the maximum quantity of water which had been used beneficially was not known. The Agent stated that there was not sufficient water available from Midday Creek to warrant any further clearing or cultivation, as the creek ran dry after the 15th of July, in a normal year.

Dec 26, 1933 An Engineer's Report for a Final License stated that the area of land currently irrigated under CL 6656 was 140 acres. Three intakes additional to those noted on the plan accompanying CL 6656 were observed.

May 20, 1937 The Comptroller of Water Rights issued FL 9986 in substitution of CL 6656), to Indian Affairs, bearing a precedence date of May 2, 1889. The license authorized the diversion of 316.8 acre feet of water per year for irrigation purposes, from April 1 to September 30, and 3000 gallons per day per year for domestic purposes, from Midday Creek and tributaries. The appurtenant land was defined as 158.4 acres of Paul's Basin No. 2.

Jul 5, 1974 The Comptroller of Water Rights issued an Order to amend CL 9986 to name the sources of the water supply as Read Creek, Cam Creek, North Creek, West Midday Creek, and Midday Creek.

Sep 27, 1984 A Document of Intent was signed by the Chief of the Coldwater Band and a representative of Ducks Unlimited proposing the creation of 'Paul's Basin Proposed Wetlands Project'. The document states that Ducks Unlimited is authorized to apply for a water license in support of the above project. Providing that the project is mutually beneficial and approved by Duck's Unlimited Canada's Provincial and Head Offices, the Band agreed to enter into a formal management project with Ducks Unlimited Canada.

Accompanying documents explain that the 'Paul's Basin Wetlands Project' is intended to provide water storage for Ducks Unlimited waterfowl habitat and to supply irrigation and stock water on Paul's Basin No. 2.

Sep 18, 1985 The Comptroller of Water Rights issued CL 61158 to the Coldwater Indian Band, in the care of Ducks Unlimited, bearing a precedence date of November 19, 1984. CL 61158 authorizes the storage of 82.3 acre feet per year, from October 1 to June 15. The purpose for which the license is detailed in FL 9986. The appurtenant lands are specified in FL 9986.

Nov 27, 1985 The Comptroller of Water Rights, having determined that the purpose for which CL 61158 was issued was erroneously stated, issued an Order amending clause 'd' of CL 61158 to read:

> *"(d) The purpose for which this license is issued is storage, with the stored water to be used as set out in FL 9986."*

Oct 15, 1986 As a result of an investigation which determined that works required under FL 9986 had been altered, the Comptroller of Water Rights issued CL 63657, in substitution of FL 9986. FL 9986 bears a precedence date of May 2, 1889. The specifics of the license are unchanged, except for the identification of the tributaries of Midday Creek as listed above, and the inclusion of the additional works implemented for the diversion and carriage of water.

Current Status:

There are currently two licenses active on Cam Creek. CL 161884 authorizes the use of 30 acre feet, from April 1 to September 30, for irrigation purposes. CL 63657, held by the Coldwater Band, is first priority on the Creek.

There are currently two licenses active on Midday Creek. CL 34087 authorizes the use of 40 acre feet of water for irrigation purposes, from April 1 to September 30. CL 63657, held by the Coldwater Band, is first in priority on Midday Creek.

CL 63657, held by the Band, is the only license active on North Creek and on Read Creek. As such the Band has first priority rights on both Creeks.

There are currently two licenses active on West Midday Creek. CL 61158 authorizes the use of 82.30 acre feet of water, from October 1 to June 15, for non-power storage purposes. CL 63657, held by the Coldwater Band, has first priority rights on West Midday Creek, and authorizes the use of 3,000 gallons a day, year-round for domestic uses, and 316.8 acre feet per year, from April 1 to September 3, for irrigation purposes.

The Water Survey of Canada has no streamflow records on Read, Cam, North or West Midday Creeks. No alternate sources of water availability data for the Creeks were located in the course of this investigation. West Midday Creek is listed as fully recorded without full backup storage as it is within the Nicola River Watershed. The Nicola River Watershed is listed as fully recorded without full backup storage. Information from a 1984 Engineer's Report indicates water for base flow irrigation was not available in sufficient quantities to satisfy FL 9986 past the end of June; it was recommended that CL 63657 be issued to backup existing irrigation under FL 9986.

Water Survey of Canada records report that gauging stations for Midday Creek have been operated at Station No. 08LG059 (Midday Creek above 800 metres contour), Station No. 08LG057 (Midday Creek above diversions), and Station No. 08LG058 (Midday Creek near the mouth). Station No. 08LG058 measured flows for several months between April of 1970 and June of 1971. During the periods recorded Station No. 08LG059 measured a mean low flow of 1.51 cubic metres per second for April, 1.96 cubic metres per second for May, and .4 cubic metres per second for June.

Notes:

1. The Coldwater Band's rights to the waters of Midday Creek and West Midday Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The issue of Conditional Water License 63657 in substitution of Final Water License 9986 (originally substituted Conditional Water License 6656), resulted in a loss of licensed water rights for the Coldwater Band on Red, Cam, North, West Midday and Midday Creeks.

3. Under current licensing practices Conditional Water License 63657 would be issued for waterworks purpose. The amendment of the license to waterworks purpose would qualify the Midday Creek (and tributaries) drainage area for designation as a Community Watershed under provisions contained in the Forest Practices Code.

Skuagam Creek

History:

Sep 11, 1878 A Minute of Decision of the Indian Reserve Commission allocated water for the use of Lower Nicola Indians, on a reserve on the Coldwater River described as::

"A reserve on the Coldwater River about 69 miles from Hope on the Hope-Nicola trail."

The description provided above indicates that the allocation was intended for the reserve currently known as Coldwater No. 1. Based on this assumption Coldwater No. 1 was allocated the following:

"100 inches of water for irrigation and other purposes are assigned prior to all other claims from the Coldwater River and particularly from Kwinshatin stream and also from all other sources of water supply which, on survey, may be found available."*

Skuagam Creek flows through Coldwater No. 1.

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch

Nov 21, 1923 The Comptroller of Water Rights issued CL 7244 to an Indian Agent, bearing a precedence date of June 1, 1923. The license authorizes the diversion of 255 acre feet per year for irrigation, from April 1 to September 30. The appurtenant lands are defined as 127 acres of Coldwater No. 1.

Nov 20, 1934 The Comptroller of Water Rights issued FL 9004 in substitution of CL 7244, to Indian Affairs. CL 7244 bears a precedence date of June 1, 1923 and authorizes the diversion of 95 acre feet of water for irrigation purposes, from April 1 to September 30. The appurtenant lands are specified as 47 acres of Coldwater No. 1.

Jun 15, 1964 The Director of Indian Affairs filed an application for a water license, to divert and use 1600 gallons per day from Skuagam Creek for domestic use, on Coldwater No. 1.

Nov 5, 1965 The Comptroller of Water Rights wrote to the Director of Indian Affairs regarding an application for water on Skuagam Creek. The Comptroller stated that a District Engineer had found that Skuagam Creek is tributary to the Coldwater River, which is fully recorded during the late irrigation season.

The Comptroller advised that full irrigation was not being exercised under FL 9004. If Indian Affairs agreed to a reduction in the quantity allocated under FL 9004 by 3.30 acre feet per year, a license of 2500 gallons per day from Skuagam Creek for waterworks purposes, could be issued.

Jan 5, 1966 The Indian Commissioner for B.C. agreed, in a letter to the Comptroller of Water Rights, to reduce the amount of water available under FL 9004.

May 16, 1966 The Comptroller of Water Rights issued CL 30977 to the Indian Affairs Branch, bearing a precedence date of June 12, 1964. The license authorizes the diversion and use of 2,500 gallons of water per day for waterworks purposes, year-round. The appurtenant lands were defined as that part of Coldwater No. 1 lying east of the Coldwater River.

Aug 15, 1966 The Comptroller of Water Rights issued FL 19456 in substitution of FL 9004, to the Indian Affairs Branch. FL 19456 was assigned a precedence date of June 1, 1923 and authorizes the diversion and use of 91.7 acre feet of water per year for irrigation purposes, from April 1 to September 30. The appurtenant lands are defined as Coldwater No. 1, of which 45.8 acres may be irrigated.

Mar 15, 1978 The Comptroller of Water Rights issued FL 49867 in substitution of CL 30977, to the Minister of Indian Affairs. The details on this new license are unchanged from the specifics listed in CL 30977.

Current Status:

There are currently three (3) licenses active on Skuagam Creek, two (2) of which are for the use and benefit of the Coldwater Band. Of the licenses currently active:

- 1 authorizes use of 74 acre feet per year, from April 1 to September 30, for irrigation purposes.
- 1 authorizes use of 91.70 acre feet per year, from April 1 to September 30, for irrigation purposes.
- 1 authorizes the use of 2,500 gallons a day, year-round, for waterworks.

The two licenses are held by the Coldwater Band have first and third priority rights respectively on Skuagam Creek.

The Water Survey of Canada has no records of streamflow for Skuagam Creek. No additional sources of water availability data for the Creek were located over the course of this review.

Notes:

1. The Coldwater Band's rights to the waters of Skuagam Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. If the domestic rights acquired under CL 30977 were derived from rights previously held under FL 9004, the date of precedence should be recorded as June 1, 1923.

un-named stream

History:

Sep 11, 1878 A Minute of Decision of the Indian Reserve Commission, described the reserve Gwen Lake No. 3, and allocated:

"Sufficient water for the purposes of this reserve is assigned from all sources of water supply which, on survey, may be found available."

An un-named stream runs through Gwen Lake No. 3.

Dec 1, 1922 The Board of Investigation, through Board Order No. 4529, set out that a conditional license should be issued which would:

i) state that the source of the water supply is a stream running into a lake on Gwen Lake. No. 3;
ii) take precedence from May 2, 1889; and
iii) authorize the diversion of 24 acre feet per year for the irrigation of 12 acres of Gwen Lake No. 3. The maximum quantity to be used on any acre was recommended as 2 acre feet. Of the 24 acre feet allocated, 500 gallons of water per day per year was to be made available for domestic applications.

Dec 1, 1922 The Comptroller of Water Rights issued CL 6657, which embodied the terms and conditions set out in Board Order 4529.

Nov 1, 1927 A note was made on the original Board Order by the Board of Investigation that the time for the completion of works and the irrigation of land, as specified in the Board Order, was extended to September 30, 1928, though no official Order was made to this effect.

Sep 30, 1928 A note was made on the original Board Order by the Board of Investigation that the time for the completion of works and the irrigation of land, as specified in the Board Order, was extended to September 30, 1929, though no official Order was made to this effect.

Sep 30, 1929 A note was made on the original Board Order by the Board of Investigation that the time for the completion of works and the irrigation of land, as specified in the Board Order, was extended to

September 30, 1930, though no official Order was made to this effect.

Jan 24, 1933 The Comptroller of Water Rights, after hearing from C.E.Webb, C.C. Perry (Indian Commissioner for B.C.), and A.H. Barber on behalf of the licensee, issued an Order rendering CL 6657 null and void. The Order was issued because the licensee had failed to prove to the satisfaction of the Comptroller, that the construction of the works required under CL 6657 were begun within the time fixed, prosecuted with due diligence, or completed.

Sep 20, 1934 The Comptroller of Water Rights issued an Order canceling CL 6657.

No further information regarding the circumstances surrounding the cancellation can be established as the corresponding file has been destroyed.

Current Status:

There is no information on water availability for the unnamed creek.

Notes:

1. The Coldwater Band's rights to the waters of the unnamed stream flowing through Gwen Lake No. 3, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. The cancellation of CL 6657 resulted in a loss of licensed water rights for the Coldwater Band on the unnamed creek.

OTHER INFORMATION:

Groundwater Records:

Well records maintained by the MELP - Groundwater Section indicate that eight wells have been reported on Coldwater No. 1 and Paul's Basin No. 2. Gwen Lake No. 3 has no reports of wells. The wells on Coldwater No.1 and Paul's Basin No. 3 yield small amounts of water, ranging from 4 gallons per minute to 50 gallons per minute; one well yields 500 gallons per minute. The extent to which the wells are currently utilized is unknown. Further details are appended to the report.

As the provision of well information to the Groundwater Section is voluntary, the conclusions of this review should not be assumed to be complete.

Municipal Water Sources:

Due to the constraints of distance, it is unlikely that the Coldwater Reserves would be able to access the municipal water system of the City of Merritt.

Summary of Water Records
Coldwater First Nation

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	License PUC/MOD & OIC Allotments	Comments
Coldwater River	1878/09/11	Coldwater #1		MOD			*"100 inches ... assigned prior to all other claims from the Coldwater River and particularly Kwinshatin stream and also from all other sources of water supply, may be found available"* Conversion = 611 AF (AGBC #590457)	**IRC Allocations**: Not formally recognized by **Province.**
Coldwater River	1889/05/02	Coldwater #1	241033	CL 6650	Superceded	FL 11230 FL 11231	6,000 GAD/Domestic 672 AF/Irrigation	**CL 6650**: Issued based on recommendations contained in **Board Order 4499.** **Allocation Quantity**: Consistent with 1878 IRC allocation.
Coldwater River	1889/05/02	Coldwater #1	241033	FL 11230	Current		205 AF/Irrigation	**FL 11230**: **Priority 1** on Coldwater River.
Coldwater River	1937/05/06	Paul's Basin #2	127907	CL 13268	Superceded	FL 11229	12.5 AF/Irrigation	
Coldwater River	1937/05/06	Paul's Basin #2	127907	FL 11229	Current		10 AF/Irrigation	**FL 11230**: **Priority 5** on Coldwater River.

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	License PUC/MOD & OIC Allotments	Comments
Kwinshatin Creek	1878/09/11	Coldwater #1		MOD			*"100 inches ... assigned prior to all other claims from the Coldwater River and particularly Kwinshatin stream and also from all other sources of water supply, may be found available"* Conversion = 611 AF (AGBC #590457)	**IRC Allocations**: Not formally recognized by **Province.**
Kwinshatin Creek	1889/05/02	Coldwater #1	241033	CL 6650	Superceded	FL 11230 FL 11231	6,000 GAD/Domestic 672 AF/Irrigation	**CL 6650**: Issued based on recommendations contained in **Board Order 4499.** **Allocation Quantity**: Consistent with 1878 IRC allocation.
Kwinshatin Creek	1889/05/02	Coldwater #1	241033	FL 11231	Superceded	FL 19457	172 AF/Irrigation	
Kwinshatin Creek	1889/05/02	Coldwater #1	241033	FL 19457	Current		165.40 AF/ Irrigation	**FL 19457**: **Priority 1** on Kwinshatin Cr.
Kwinshatin Creek	1964/06/12	Coldwater #1	257313	CL 30978	Superceded	FL 49866	5,000 GAD/ Waterworks	**CL 30978**: Issue contingent on reduction in allocation authorized under **FL 11231.**
Kwinshatin Creek	1964/06/12	Coldwater #1	257313	FL 49866	Current		5,000 GAD/ Waterworks	**FL 49866**: **Priority 2** on Kwinshatin Cr.

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	License PUC/MOD & OIC Allotments	Comments
Lemoto Creek, Oluk Creek, Talapus Creek.	1878/09/11	Coldwater #1		MOD			*"100 inches ... assigned prior to all other claims from the Coldwater River and particularly Kwinshatin stream and also from all other sources of water supply, may be found available"* Conversion = 611 AF (AGBC #590457)	**Water Source - "... all other sources of water supply ... available"**: Talapus, Oluk and Lemoto Creeks all flow through Coldwater No.1. **IRC Allocations**: Not formally recognized by **Province.**
Lemoto Creek, Oluk Creek, Talapus Creek.	1962/07/30	Coldwater #1	245176	CL 30077	Current		40 AF/Irrigation	**Allocation Assignment**: 22 AF - Lemoto Cr.; 6 AF Oluk Cr.; 12 AF Talapus Cr.
Midday Creek, West Midday Creek.	1878/09/11	Paul's Basin #2		MOD			*"100 inches ... from all sources of water supply ... found available".* Conversion = 611 AF (AGBC #590457)	**Water Source - "... all other sources of water supply ... available"**: Midday and West Midday Creek flow through Paul's Basin No. 2. **IRC Allocations**: Not formally recognized by **Province.**
Midday Creek	1889/05/02	Paul's Basin #2	4502	CL 6656	Superceded	FL 9986	3,000 GAD/Domestic 348 AF/ Irrigation	**CL 6656**: Issued based on recommendations contained in **Board Order 4502.**

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	License PUC/MOD & OIC Allotments	Comments
Midday Creek	1889/05/02	Paul's Basin #2	241032	FL 9986	Superceded	CL 63657	3,000 GAD/Domestic 316.80 AF/ Irrigation	**CL 63657**: Qualifies Midday Cr. (and trib's) Drainage Area for designation as **"Community Watershed"** under provisions contained in FPC; requires amendment to **'Waterworks' purposes.**
Read/Cam/ Midday and North Creeks	1889/05/02	Paul's Basin #2	241032	CL 63657	Current		3,000 GAD/Domestic 316.80 AF/ Irrigation	
West Midday Creek	1984/11/19	Paul's Basin #2	3000673	CL 61158	Current		82.30 AF/Storage (Storage for CL 63657)	**Registration**: In name of Coldwater Indian Band C/O **Ducks Unlimited**; in support of **'Paul's Basin Wetlands Project'. Authorization Specifics**: Contained in/refer to **FL 9986.**

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	License PUC/MOD & OIC Allotments	Comments
Skuagam Creek	1878/09/11	Coldwater #1		MOD			*"100 inches ... assigned prior to all other claims from the Coldwater River and particularly Kwinshatin stream and also from all other sources of water supply, may be found available"* Conversion = 611 AF (AGBC #590457)	**Water Source "all other sources ... available":** Skuagam Cr. flows through Coldwater No.1 **IRC Allocations**: Not formally recognized by **Province.**
Skuagam Creek	1923/06/01	Coldwater #1	4760	CL 7244	Superceded	FL 9004	255 AF/Irrigation	
Skuagam Creek	1923/06/01	Coldwater #1	47607	FL 9004	Superceded	FL 19456	95 AF/Irrigation	
Skuagam	1923/06/01	Coldwater #1	47607	FL 19456	Current		91.70 AF/Irrigation	
Skuagam Creek	1964/06/12	Coldwater #1	257312	CL 30977	Superceded	FL 49867	2,500 GAD/ Waterworks	**CL 30978**: Issue contingent on reduction in allocation authorized under **FL 9004.**
Skuagam Creek	1964/06/12	Coldwater #1	257312	FL 49867	Current		2,500 GAD/ Waterworks	
Unnamed Stream	1878/09/11	Gwen Lake #3		MOD			*"Sufficient water ... for reserve from all sources of water supply ... which may be available"* (AGBC #590457)	**Water Source "all sources of supply"**: An unnamed stream flows through Gwen Lake No.3 and discharges into Gwen Lake. **IRC Allocations**: Not formally recognized by Province.

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	License PUC/MOD & OIC Allotments	Comments
Unnamed Stream	1889/05/02	Gwen Lake #3	4529	CL 6657	Canceled		500 GAD/Domestic 24 AF/Irrigation	CL 6657: Issued based on recommendations contained in Board Order 4529. Cancellation 20 Sept 34: For 'failure to prove beneficial use of water'; further details unknown as corresponding file destroyed.

LEGEND:

License Types (Document Types)
CL: Conditional License
FL: Final License
Z: Application

Mechanisms for Allocation (Document Type)
OIC: Order-in-Council (as issued by the Lieutenant Governor in Council)
MOD: Minute of Decision (as recorded under the Indian Reserve Commission)
IRC: Indian Reserve Commission
AGBC: Attorney Generals Office of BC (followed by File #)

Allotment Units
GAD: Gallons a day
AF: Acre feet
CFS: Cubic feet per second

Cold-Water River. Nicola Valley

Lower Nicola Indians with
mingled Indians of Spuzzum,
Boston Bar, Boothroyd & Siska,
and Upper Similkameen.

A reserve on the Cold-
water River about 69 miles from Hope
on the Hope Nicola trail - to be
11 Sept 1878 bounded as follows -
~~6 May~~ 1878 MLS
From a spot
on the right bank of the Coldwater
river (whence a line drawn east will
strike the 69 mile post (true from Hope
on the Hope Nicola trail) east to
the base of the mountains including
the flats and lower slopes thence
South

south to his north boundary of
Mr. Higgins pre. Emption or to a spot
that would be struck by the prolonga-
tion of his north boundary eastward
thence west crossing Coldwater River
to a spot about 3/4 of a mile
up the mountain side - thence
north to a spot that would be
struck by the prolongation westward
of a line drawn through the above
69 mile post - thence east to
starting point.

100 inches of
water for irrigation and other purposes
are assigned from to all other
claims from the Coldwater River
and fourteen Daly from Quin. Sah. Ten
Stream

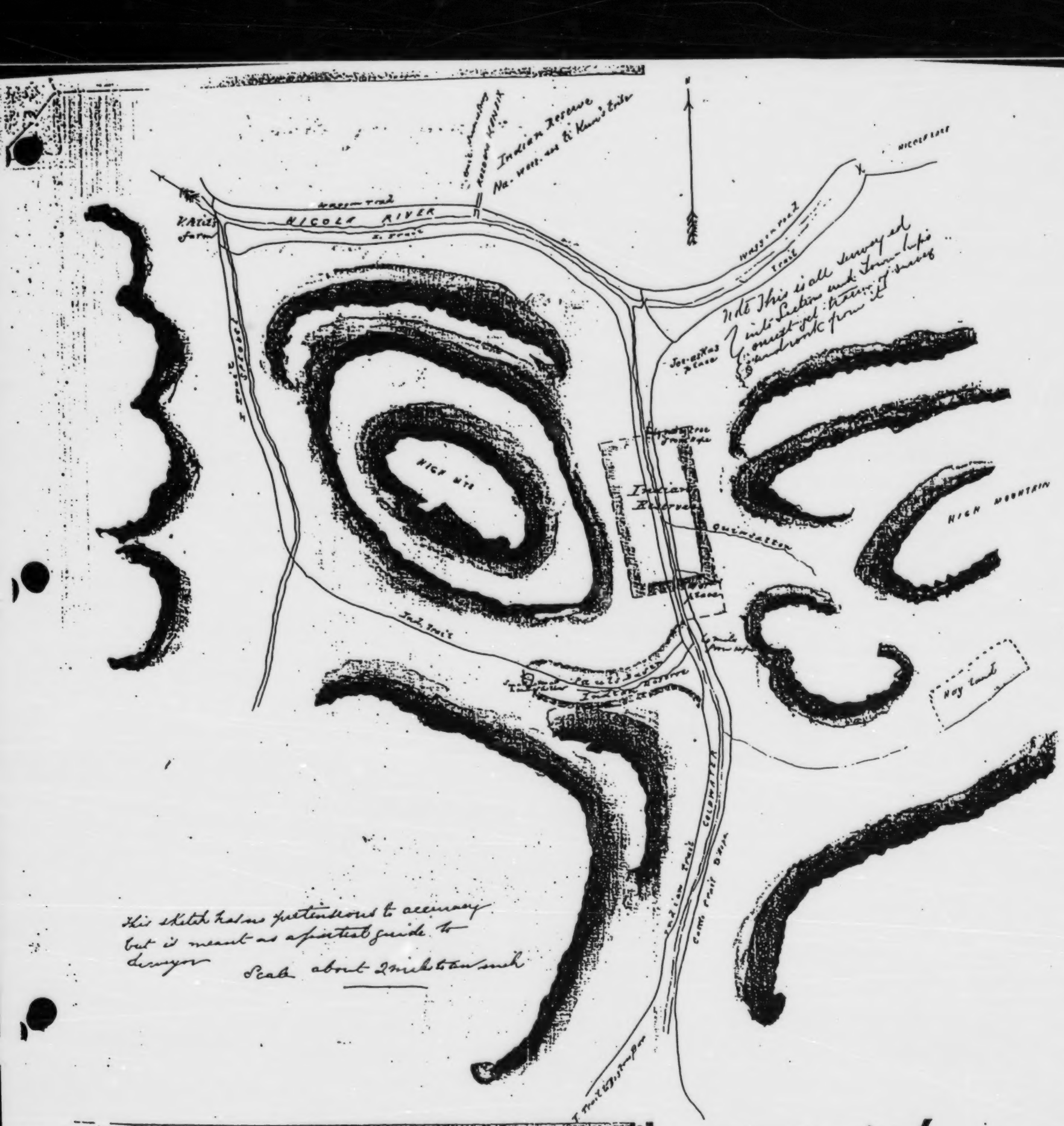
stream and also from all other sources of water supply which, on survey, may be found available.

Gen J

Also a reserve known as Pauli's Basin upon a small stream which flows easterly into the left bank of the Aldwater about 64 miles from Hope (on the Hope Nicola-trail) to include the basin which being almost surrounded by steep hills does not require a more particular description except that the small lake at the west end of the basin is to be included and that the last boundary is to be drawn as convenient for survey and not to include unnecessarily the broken land lying between the basin and the left bank of the Coldwater.

11 Sept. 1878 (WW)

100 miles


Indian Reserve
Na-was-sa ti Kum's Tribe
NICOLA RIVER
HIGH MTN
HIGH MOUNTAIN
Quintasket
Hay land
COLDWATER
Note This is all surveyed into Sections and Townships connect get true N. from it if wrong
This sketch has no pretentions to accuracy but it meant as a pictorial guide to Surveyor
Scale about 2 miles to an inch

100 inches of water for irrigation and other purposes are assigned from all sources of water supply which, on survey, may be found available.

Guy

Also a reserve consisting of a portion of land to include the swamp and hay land not exceeding 50 acres or thereabouts situate about 3 miles up a tributary as shown on sketch which flows westerly into the right bank of the Coldwater about 61 miles from Hope on the Hope Princeton trail

11 Sept 1878 Sufficient water for the purposes of this reserve is assigned from all sources of water supply which on survey may be found available.

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 4499, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Kuinshaatin Indian Reserve, No.1 of the Lower Nicola, Boston Bar and other Indians.

Superseded by Final Licence 11230-1

Made and entered this 1st day of December, 1922.

E. A. Cleveland

Comptroller of Water Rights.

No. 6650

Form No. 1606, W.R.B. (Licence in respect of Board Order)—1,500-12-21—8397.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia, 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from

Coldwater River and Kuinshaatin Creek. Files 5 & 6-6-1.

ON THE 11th day of May, 1922,

the above matter having come on for hearing in the presence of Mr. J. H. Ellis, K.C., of Counsel for the Department of Indian Affairs,

and after notice to all persons holding or claiming to hold water rights on said Coldwater River and Kuinshaatin Creek and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola and other Indians to take water from Coldwater River and Kuinshaatin Creek for use on Kuinshaatin Indian Reserve, No.1 of the Lower Nicola, Boston Bar and other Indians, has been established.

AND THE BOARD DOTH ORDER the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is Coldwater River, a tributary of Nicola River, and Kuinshaatin Creek, a tributary of said Coldwater River.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 672 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is two (2) acre-feet: Provided that of the said 672 acre-feet there may be used 6000 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 563—250-6-22—7903.

Board Order No. 4499.

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 336 acres, comprising parts of Kuinshaatin Indian Reserve, being Reserve No. 1 of the Lower Nicola and other Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

MADE AND ENTERED this 1st day of December, 1922.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E. A. Cleveland, *Chairman*,

and J.S.T.Alexander, *Member*.

Board Order No.4499.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

EXHIBIT "B."

(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)

The works which are required to be completed before the issue of a final licence are as follows:—

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

BOARD OF INVESTIGATION.

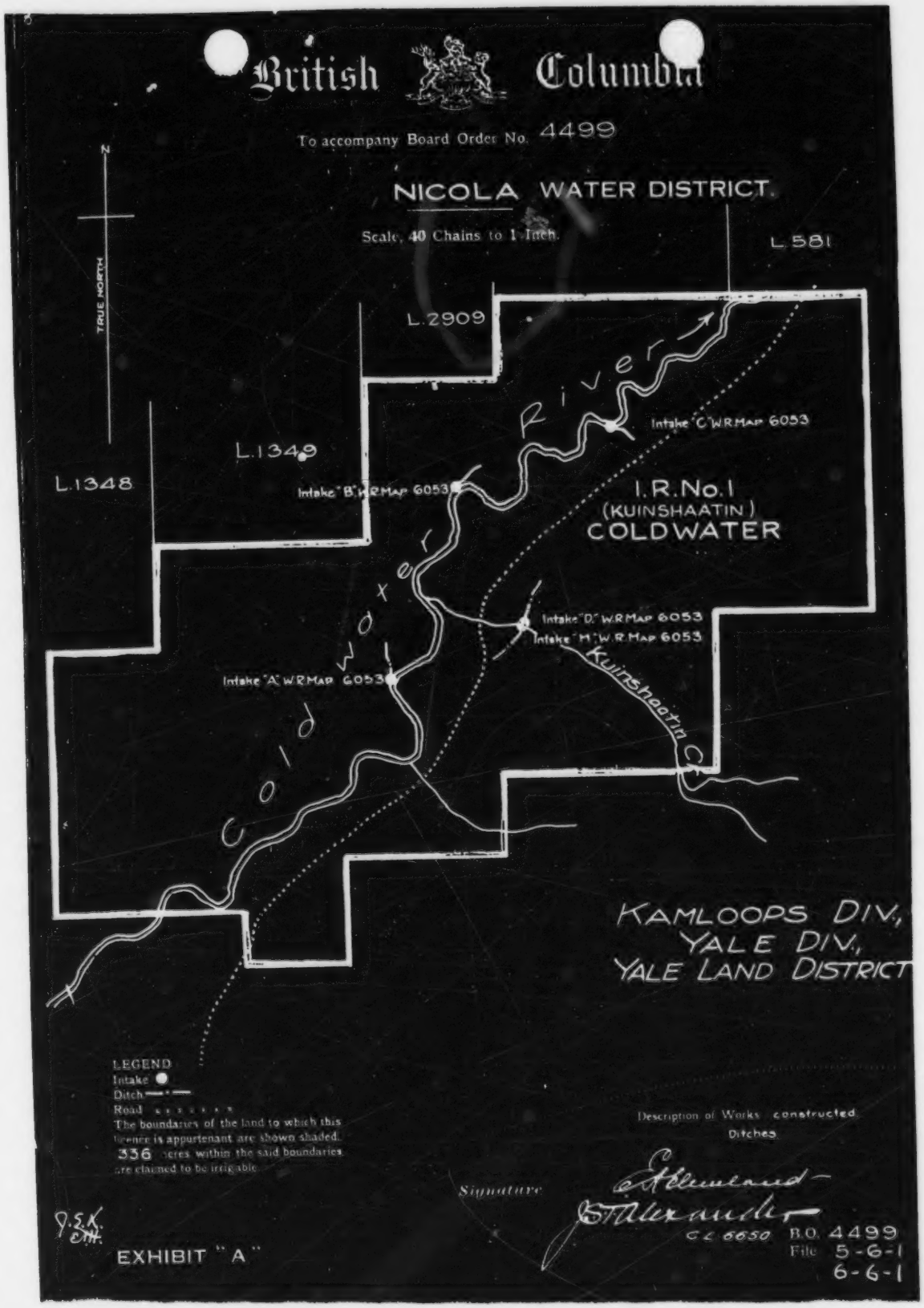
By E. A. Cleveland, *Chairman,*

and J. S. T. Alexander, *Member.*

Board Order No. 4499

Form 366, W.R.B.—2,000-1-29—3802

ENTERED
Map No. 1053
By


British Columbia
To accompany Board Order No. 4499
NICOLA WATER DISTRICT.
Scale, 40 Chains to 1 Inch.
N
TRUE NORTH
L.581
L.2909
L.1349
L.1348
River
Intake "C" W.R.Map 6053
Intake "B" W.R.Map 6053
I.R.No.1
(KUINSHAATIN)
COLDWATER
Intake "D" W.R.Map 6053
Intake "M" W.R.Map 6053
Coldwater
Intake "A" W.R.Map 6053
Kuinshaatin Cr.
KAMLOOPS DIV.,
YALE DIV.,
YALE LAND DISTRICT
LEGEND
Intake
Ditch
Road
The boundaries of the land to which this licence is appurtenant are shown shaded.
336 acres within the said boundaries are claimed to be irrigable.
Description of Works constructed
Ditches
Signature
C.L. 6650
B.O. 4499
File 5-6-1
6-6-1
EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 4502, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Paule Basin Indian Reserve, No.2 of the Lower Nicola, Bouton Bar and other bands of Indians.

Recorded No. 9986

Final Licence

Made and entered this 1st day of December, 1922.

E. A. Cleveland

Comptroller of Water Rights.

No. 3656

Form No. 1006, W.R.B. (Licence in respect of Board Order)—1,500-12-21—5397.

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia, 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from

Midday Creek. File No.3-6-1.

ON THE 11th day of May, 1922,

the above matter having come on for hearing in the presence of Mr. J. E. Ellis, K.C. , of Counsel for the Department of Indian Affairs,

and after notice to all persons holding or claiming to hold water rights on said Midday Creek

and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola and other Indians to take water from Midday Creek

for use on Pauls Basin Indian Reserve, No.2 of the Lower Nicola, Boston Bar and other bands of Indians.
has been established.

AND THE BOARD DOTH ORDER the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is Midday Creek, a tributary of Coldwater River.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 348 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is two (2) acre-feet: Provided that of the said 348 acre-feet there may be used 3000 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 563—250-6-22—7963.

Board Order No.4502.

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 174 acres, comprising parts of Pauls Basin Indian Reserve, being Reserve No. 2 of the Lower Nicola and other Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

The time for completion of work and the application of the water is extended to the 30th day of September, 1928. (sgd.) J.F. Lyon, Secretary. Board No. 1, 1st day of December, 1927.

MADE AND ENTERED this 1st day of December, 1927.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E. A. Cleveland, *Chairman*,

and J.S.T. Alexander, *Member*.

(sgd.) E. A. Cleveland, Chairman. (sgd.) J.S.T. Alexander, Member. Board of Investigation.

Board Order No. 4502.

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

EXHIBIT "B."

(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)

The works which are required to be completed before the issue of a final licence are as follows:—

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

BOARD OF INVESTIGATION.

By E. A. Cleveland, *Chairman,*

and J.S.T.Alexander, *Member.*

Board Order No. 4502.

Form 565. W.R.B.—2,000-1-22—5032

Map No. 6056
By RBW

British Columbia

To accompany Board Order No. 4502

NICOLA WATER DISTRICT.

L 109
T.L 11450P

Scale, 40 Chains to 1 Inch.

YALE DIV., YALE LAND DISTRICT

LEGEND
Intake ●
Ditch —·—
Road ————

The boundaries of the land to which this licence is appurtenant are shown shaded. 174 acres within the said boundaries are claimed to be irrigable.

Description of Works constructed.
Ditch

Signature E. H. Desmond
J. T. Alexander

C.L. 6636

B.O. 4502
File 3-6-1

J.T.A.
E.H.

EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 4529, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Meadow Indian Reserve No.3 of the Lower Nicola, Boston Bar and other Indians.

Extension to 30th Sept. 1930

CANCELLED

Made and entered this 1st day of December, 1922.

E. H. Edmonds
Comptroller of Water Rights.

No. 3857

Form No. 1008, W.R.B. (Licence in respect of Board Order)—1,500-12-21—3307.

ORIGINAL

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia, 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from a stream tributary to a lake on the Indian Reserve. File 4-6-1.

ON THE 11th day of May, 1922,

the above matter having come on for hearing in the presence of Mr. J. H. Ellis, K.C., ----------, of Counsel for the Department of Indian Affairs,

and after notice to all persons holding or claiming to hold water rights on said stream

and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola and other Indians to take water from a stream running into a lake on the Reserve

for use on Meadow Indian Reserve No.3 of the Lower Nicola, Boston Bar and other Indians

has been established.

AND THE BOARD DOTH ORDER the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is a stream running into a lake on Meadow Reserve No.3.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 24 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is two (2) acre-feet: Provided that of the said 24 acre-feet there may be used 500 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 563—250-6-22—7963.

Board Order No. 4529.

ORIGINAL

The time for completion of works and the application of the water to the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September, 1930. - Dated at Victoria, B.C. this 30th day of September, 1929.

J. F. Caine Chairman.
E. Davis Member.
Water Board.

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 12 acres, comprising parts of Meadow Indian Reserve, being Reserve No. 3 of the Lower Nicola and other Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

MADE AND ENTERED this 1st day of December, 1922.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E. Blencowe, Chairman,

and J. S. Alexander, Member.

Board Order No. 4529.

ORIGINAL

The time for completion of works and the irrigation of the whole of the lands as set out in Clause 8 and 9 hereof is hereby extended to the 30th day of September, 1928. — Board of Investigation. J. S. Clarke, E. Davis, Members.

The time for completion of works and the irrigation of the whole of the lands as set out in Clause 8 and 9 hereof is hereby extended to the 30th day of September, 1929. — Board of Investigation. J. S. Clarke, E. Davis, Members.

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

EXHIBIT "B."

(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)

The works which are required to be completed before the issue of a final licence are as follows:—

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

BOARD OF INVESTIGATION.

By E.A. Cleveland, Chairman,

and J.T. Alexander, Member.

Form 365, W.R.B.—2,000-1-22—3923

Board Order No. 4529.

ORIGINAL

ALL COMMUNICATIONS IN REFERENCE TO WATER MATTERS SHOULD BE ADDRESSED TO COMPTROLLER OF WATER RIGHTS, PARLIAMENT BUILDINGS, VICTORIA, B.C.

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

VICTORIA, B.C.

DEPARTMENT OF LANDS

WATER RIGHTS BRANCH

WATER ACT

Section 7 4

CANCELLATION ORDER

BEFORE THE COMPTROLLER OF WATER RIGHTS:

In accordance with the notice of proposed cancellation dated the 24th day of January, 1933, Conditional Licence 6657 is hereby cancelled.

Dated at Victoria, B.C., this 20th day of September, 1934.

J. Macdonald

Comptroller of Water Rights.

File 4-6-1.

WATER ACT

Section 74

IN THE MATTER OF Conditional Water Licence No. 6657, dated the 1st day of December, 1922, granted to the Department of Indian Affairs and authorizing the diversion and use of water from a stream running into a lake on the Reserve for Irrigation and Incidentally Domestic purpose on Meadow Indian Reserve No.3 of the Lower Nicola, Boston Bar and other Indians.

.....

Upon reading the Notice of cancellation dated the 20th day of December, 1932, and hearing Mr. C.E. Webb, Mr. C.C. Perry and Mr. A.H. Barber on behalf of the said licensee:

I make this Order holding said Conditional Water Licence No. 6657 to be null and void for the reason that the licensee under the said licence has failed to prove to my satisfaction that the construction of the works authorized under the said licence was begun within the time fixed, and prosecuted with due diligence, and that the said licensee has not begun, prosecuted, or completed the construction of the works under the said licence.

DATED at Victoria, B.C. this 24th day of January, 1933.

J. C. MacDonald
Comptroller of Water Rights.

File No. 4-6-1.

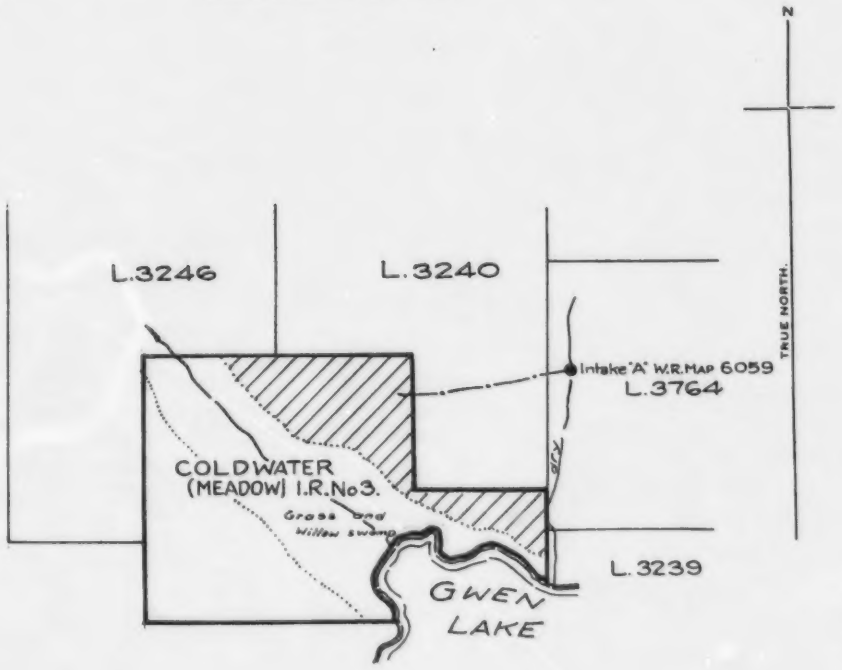
To: Indian Agent, Merritt, B.C.
C.E.Webb, Esq., Vancouver.
C.C.Perry, Asst.Indian Comm.for B.C., Victoria.

British Columbia

To accompany Board Order No. 4529

NICOLA WATER DISTRICT.

Scale, 10 Chains to 1 Inch.



KAMLOOPS DIV., YALE LAND DISTRICT

LEGEND
Intake ●
Ditch —·—
Road
The boundaries of the land to which this licence is appurtenant are shown shaded.
12 acres within the said boundaries are claimed to be irrigable.

Description of Works to be constructed,
Ditch

Signature E. H. Helmeland —
D. Stalexander

CL. 6657

B.O. 4529
File 4-6-1

D.S.K.
E.H.

EXHIBIT "A"

REF. MAP 6A (B-7)

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE
(IRRIGATION)

Appurtenant to 127 acres of the Kuinshaatin Indian Reserve No. 1, of the Lower Nicola, Boston Bar and other Indians.

WHEREAS William C. Dellin, Indian Agent, whose post-office address is Kamloops, B.C. as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act, 1914," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is Skuagam Creek.

(2.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 1st June, 1923.

Superseded by 7004

Final Licence

(4.) The purpose for which the water is to be used is irrigation ~~and incidentally domestic use.~~

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 255 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2 acre-feet: Provided that of the said ~~_____~~ acre-feet there may be used ~~_____~~ gallons of water a day throughout the whole year for domestic purpose.

(6.) The period of the year during which the water may be used is 1st April to 30th September.

(7.) The area and description of the lands upon which the water may be used are 127 acres, comprising part of the Kuinshaatin Indian Reserve No.1 of the Lower Nicola, Boston Bar and other Indians.

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 7244

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—8063.

File No. 047607

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1930.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction has already been commenced. ~~shall be commenced on or before the ..... day of ....., 192..~~

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1930.

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to ..... Licence No. ..... for the diversion of ..... acre-feet per annum from ..... and Licence No. ..... for the diversion of ..... acre-feet per annum from ..... but no more than ..... acre-feet of water (exclusive of the quantity allowed for seepage and evaporation) may be diverted from all sources for use upon the lands described in clause 7 hereof.

(12.) This licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clauses (1) and (11) hereof and complete information obtained respecting the requirements of all the lands watered therefrom and the licensee shall surrender the licence for amendment when called upon to do so.

(13.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

(14.) .....

Issued this 21st day of November, 1923.
File No. 047607

E. H. Lineland
Comptroller of Water Rights.

Licence Number 7244

Form 1604, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—8003.

ORIGINAL

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

EXHIBIT "B."

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 324730 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ditches.

File No. 047607

E. Hetherington
Comptroller of Water Rights.

Form 1005. W.R.B. (Approval of Plans)—2,500-521-2111—(Forming part of Conditional Water Licence No. 7244.)

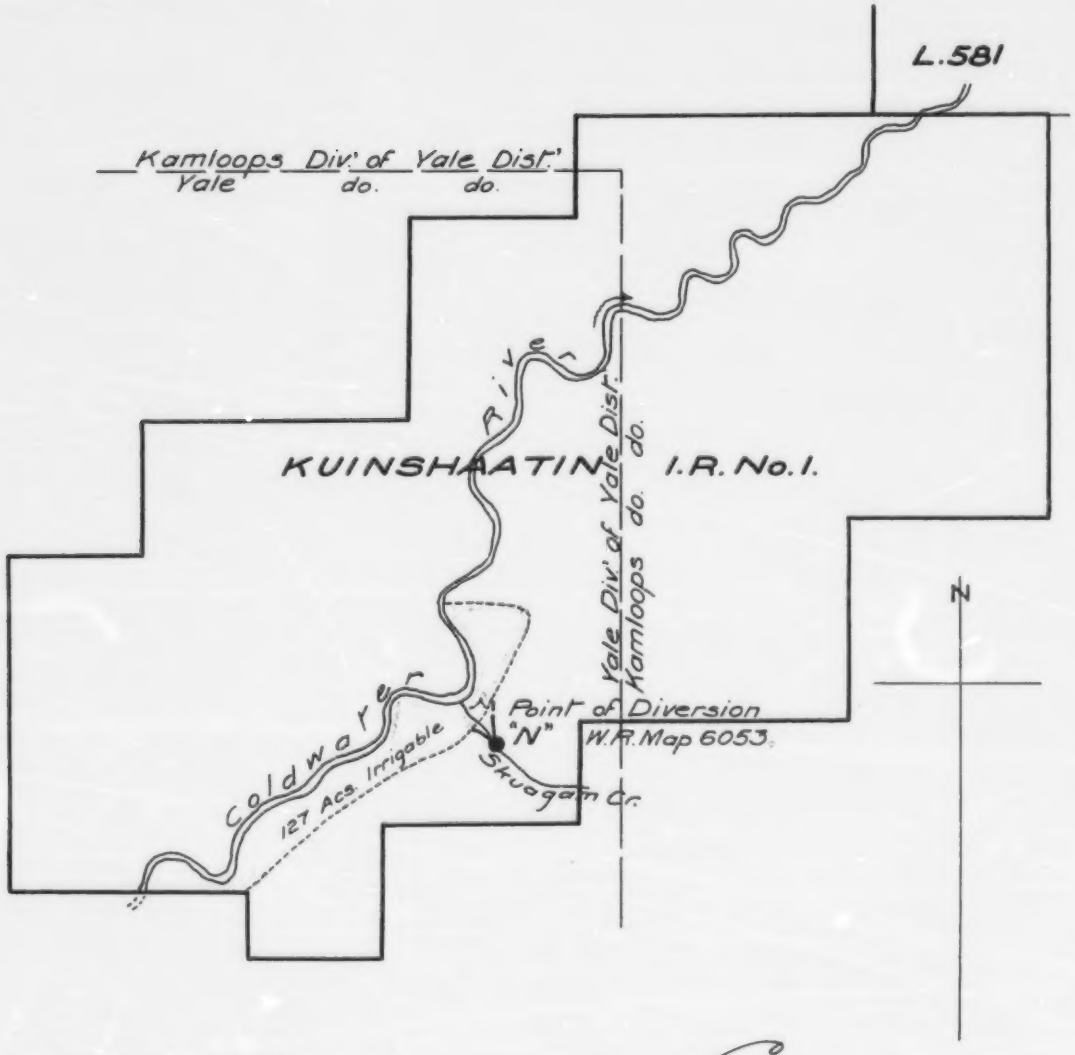
Map No. 6053
By ONLD

British Columbia.

To accompany Conditional Licence No. 7244

NICOLA ——— WATER DISTRICT

Scale, 40 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

A. C.H.

Signature C. H. Cleveland

Date 21 Nov. 1923

C.L. 7244.
File 047607

EXHIBIT "A"

W.R.B. 1002—3M-1036-3050

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

Director of Indian Affairs, of **Ottawa, Ontario, is**

hereby authorized to **divert and use** water as follows:—

(*a.*) The source of the water-supply is **Coldwater river, tributary of Nicola river.**

(*b.*) The point of **diversion** is located as shown on the attached plan.

(*c.*) The date from which this licence shall have precedence is **6th May, 1937.**

(*d.*) The purpose for which the water is to be used is **Irrigation.**

(*e.*) The maximum quantity of water which may be **diverted is 12.5 acre-feet per annum,**

and such additional quantity as the District Engineer may from time to time determine should be allowed for losses.

(*f.*) The period of the year during which the water may be **used is 1st April to 30th September.**

(*g.*) The land upon which the water is to be used ~~and to which this licence is appurtenant~~

5 acres of Indian Reserve No. 2 Pauls Basin in the vicinity of Coldwater river,

as shown on the attached plan.

(*h.*) The works for the **diversion and carriage** of the water are **ditches,**

and have already been ~~shall be~~ commenced ~~on or before the~~ ~~day of~~ ~~19~~ and shall be completed and the water beneficially used on or before the **31st** day of **December** 19 **39.**

(*i.*)

Superseded by Final Licence 11339

ENTERED ON Map No. 6064 By SWS MV

Comptroller of Water Rights.

File No. 0127907. Date issued **20th June, 1937.** Licence No. 13268

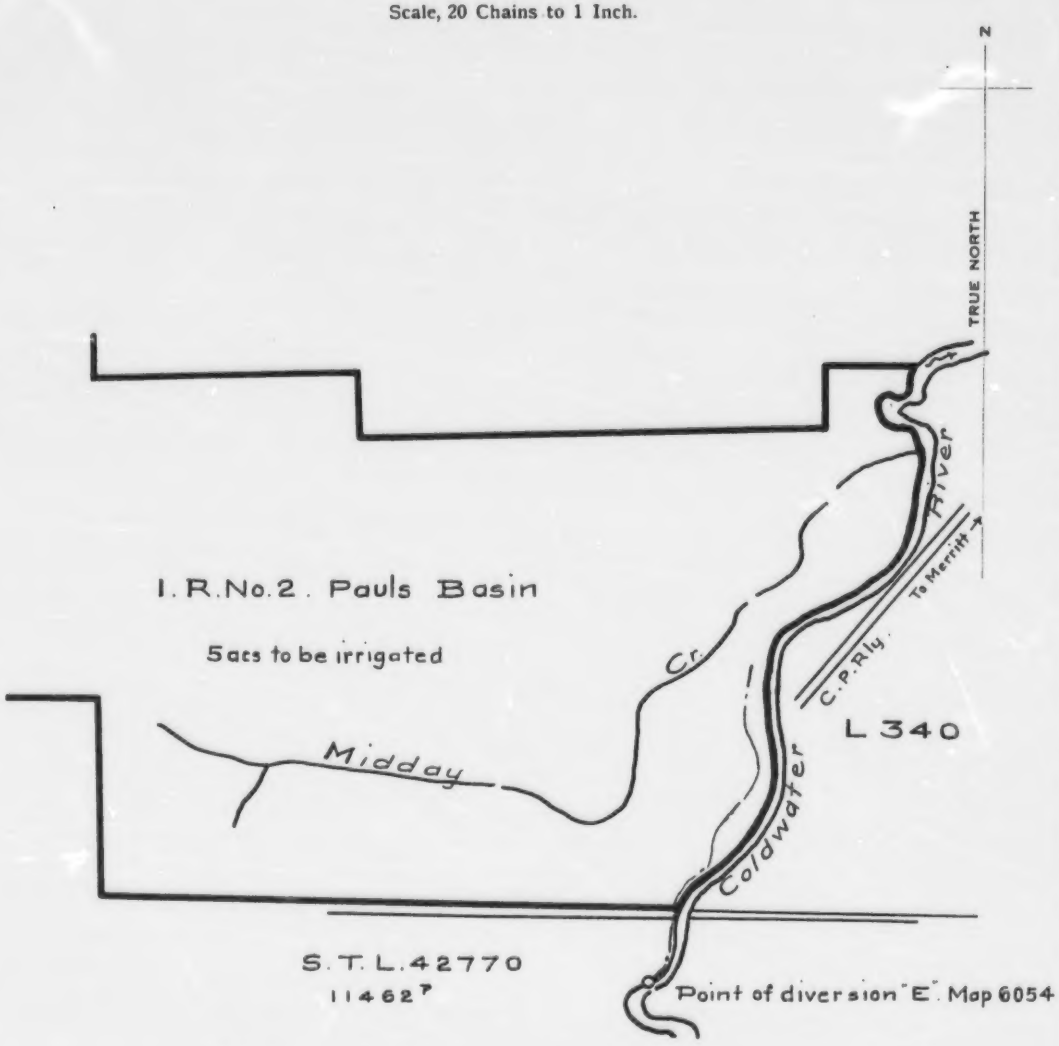
10

British Columbia.

To accompany Conditional Licence No. 13268

NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



YALE DIV. of YALE DISTRICT

Signature J. Macdonald

Date 20th June 1937

EXHIBIT "A"

C.L. 13268
File 0127507

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

Department of Citizenship and Immigration, Indian Affairs Branch of **OTTAWA, Ontario**

is/are hereby authorized to **divert and use** water as follows:—

(*a*) The source(s) of the water-supply is/are **Lemoto, Oluk and Talapus Creeks.**

(*b*) The point(s) of **diversion** is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is **30th July 1962.**

(*d*) The purpose for which the water is to be used is **irrigation.**

(*e*) The maximum quantity of water which may be **diverted is 40 acre feet per annum,**
Lemoto Creek - 22 acre feet per annum,
Oluk Creek - 6 acre feet per annum
Talapus Creek- 12 acre feet per annum, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be **used is 1st April to 30th September.**

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is
Coldwater Indian Reserve No.1, of which 20 acres may be irrigated.

(*h*) The works authorized to be constructed are **intakes and ditches,**

and they shall be located approximately as shown on the attached plan.

(*i*) The construction of the said works **shall be commenced on or before the 31st day of December, 1965, and shall be completed and the water beneficially used on or before the 31st day of December, 1968.**

6053
R.M. AD

H. D. DeBeck,
Comptroller of Water Rights.

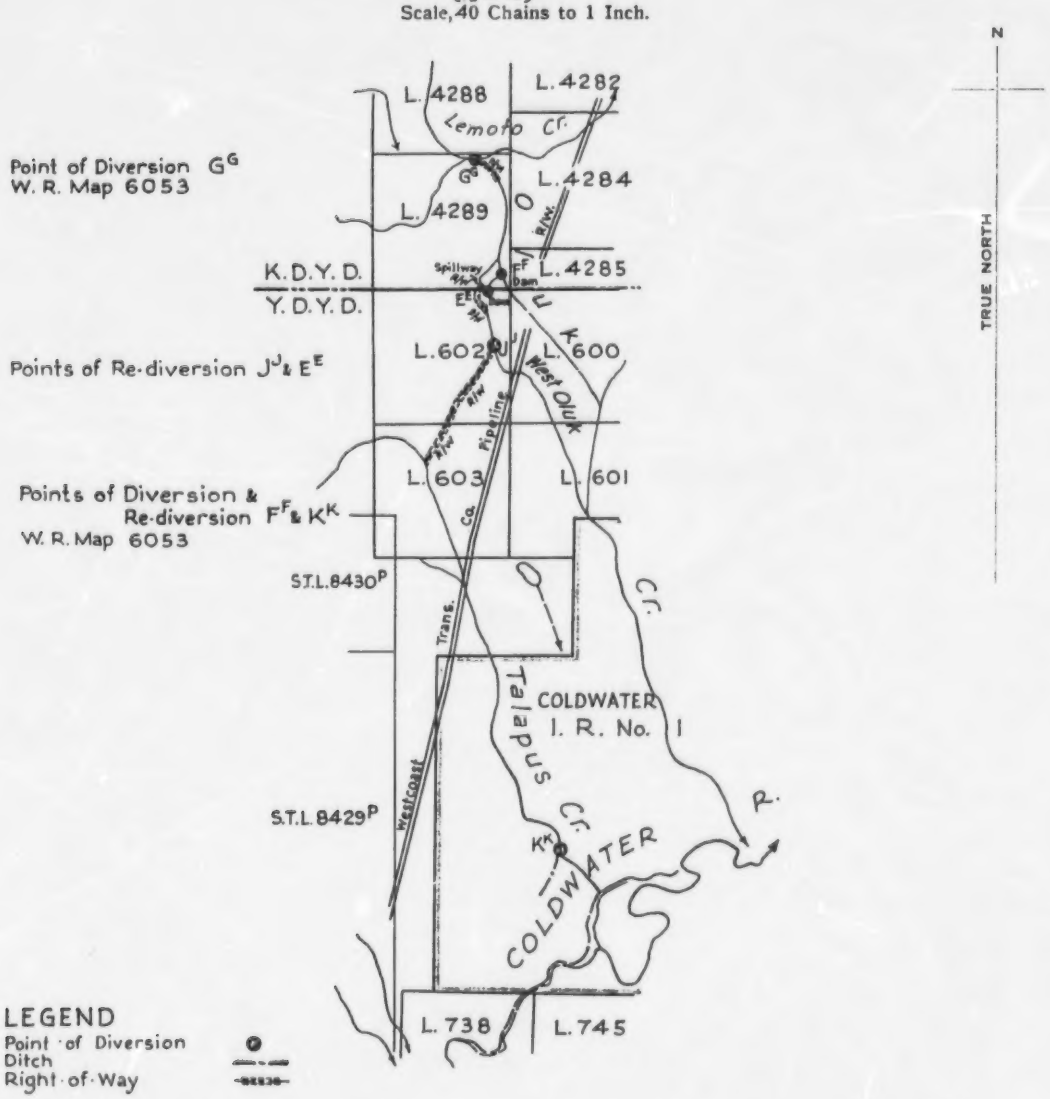
File No. **0245176** Date issued: **2 July 1965** Conditional Licence No. **30077**

5M 365-3219

British Columbia.

NICOLA WATER DISTRICT.

(½ Mile)
Scale, 40 Chains to 1 Inch.



LEGEND
Point of Diversion
Ditch
Right-of-Way

The boundaries of the land to which this licence is appurtenant are shown thus:

Signature [signature]

Date July 2, 1965

EXHIBIT "A"

For R/W see Ref. Map 92 I/SE (A-1)

C.L. 30077
File 0245176
R/W Permit 5859

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

Indian Affairs Branch, Department of Citizenship and Immigration of Ottawa, Ontario

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Bunbagan Creek.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 12th June, 1964.

(*d*) The purpose for which the water is to be used is waterworks.

(*e*) The maximum quantity of water which may be diverted is 3,500 gallons a day, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is the whole year.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is that part of Coldwater Indian Reserve No.1, lying east of the Coldwater River, Kamloops Division of Yale District and Yale Division of Yale District.

(*h*) The works authorized to be constructed are pipes, and they shall be located approximately as shown on the attached plan.

(*i*) The construction of the said works has been completed and the water shall be beneficially used on or before the 31st day of December, 1968.

H. D. DeBeck,
Comptroller of Water Rights.

0257312 File No. 16 May 1966 Date issued: 30977 Conditional Licence No.

5M-365-3219

FILE COPY

British Columbia

NICOLA WATER DISTRICT

The boundaries of the land to which this licence is appurtenant are shown thus: ———

Signature .....

Date May 16, 1966

C.L. 30977

File 0257312

EXHIBIT "A"

WATER MANAGEMENT BRANCH

MINISTRY OF ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

Coldwater Indian Band, c/o Ducks Unlimited, 954 A Laval Cresc., Kamloops, British Columbia V2C 5P5

is hereby authorized to store water as follows:

(a) The source of the water-supply is West Midday Creek and the reservoir is West Midday Pond.

(b) The point of storage is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 19th November, 1984.

(d) The purpose for which this licence is issued is as set out in Final Water Licence 9986.

(e) The maximum quantity of water which may be stored is 82.3 acre feet per annum.

(f) The period of the year during which the water may be stored is 1st of October to 15th of June.

(g) The land upon which the water is to be used and to which this licence is appurtenant is as set out in Final Water Licence 9986.

(h) The works authorized to be constructed are dam, which shall be located approximately as shown on the attached plan.

(i) The construction of the said works shall be completed and the water beneficially used on or before the 31st day of December, 1989.

(j) Construction or reconstruction of the dam authorized under clause (h) hereof shall not begin until plans of same have been submitted to and approved by an Engineer under the Water Act.

(k) The rights granted herein are exercisable only during such times as the works under Final Water Licence 9986 or any licence issued in substitution thereof, are being maintained and updated to the satisfaction of an Engineer under the Water Act.

(l) Changes or modifications to the works authorized under clause (h) hereof may be ordered at any time by an Engineer under the Water Act to ensure proper operation of said works.

A.D. Zackodnik
Regional Water Manager

File No. 3000673 Date issued: SEP 18 1985 Conditional Licence 61158

AMENDED 27.11.85

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

Indian Affairs Branch, Department of Citizenship and Immigration of Ottawa, Ontario

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Kwinshatin Creek.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 12th June, 1964.

(*d*) The purpose for which the water is to be used is waterworks.

(*e*) The maximum quantity of water which may be diverted is 5,000 gallons a day, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is the whole year.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is that part of Coldwater Indian Reserve No.1, lying east of the Coldwater River, Kamloops Division of Yale District and Yale Division of Yale District.

(*h*) The works authorized to be constructed are intake and pipe, and they shall be located approximately as shown on the attached plan.

(*i*) The construction of the said works has been commenced, and shall be completed and the water beneficially used on or before the 31st day of December, 1968.

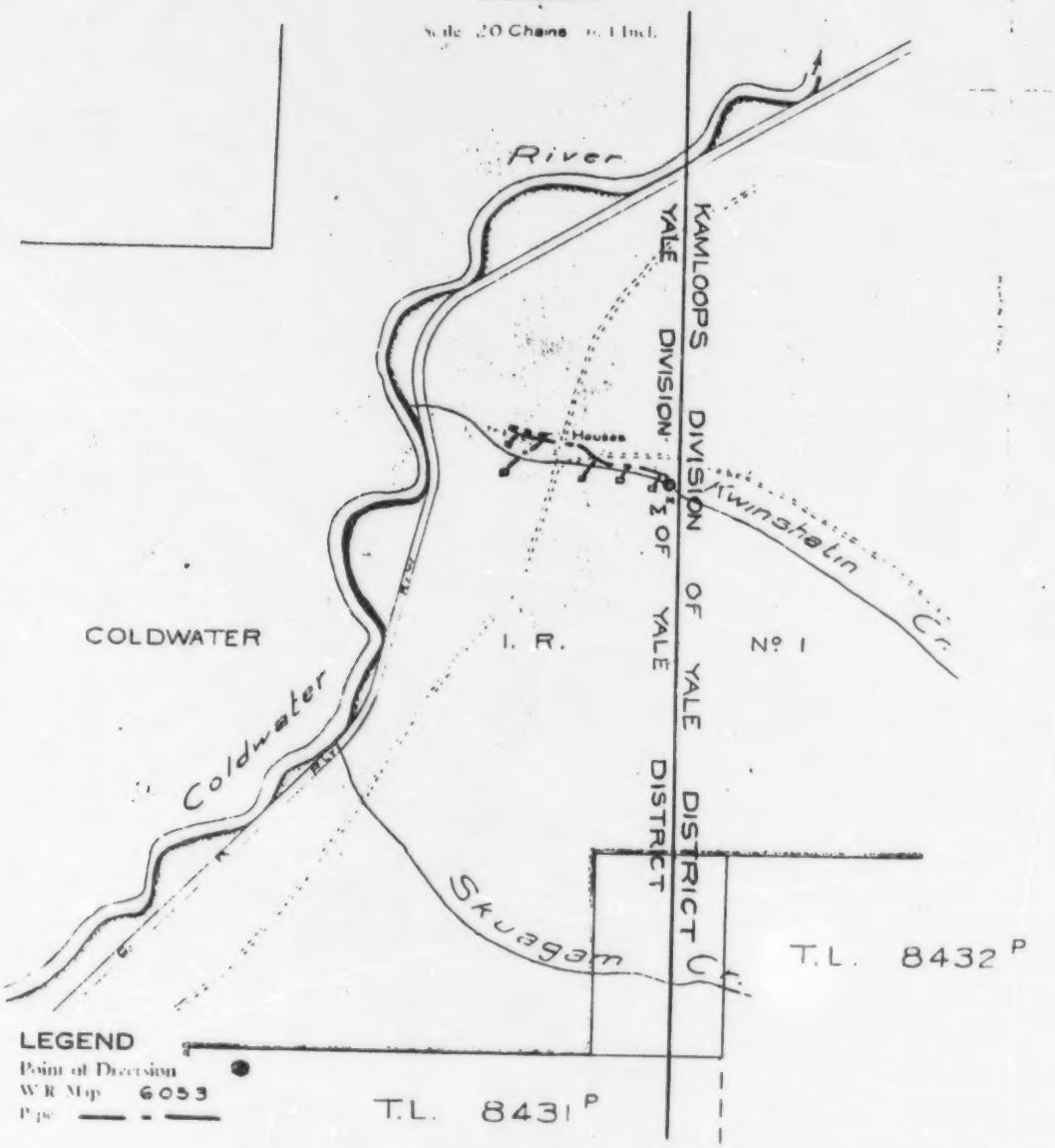
H. D. DeBeck,
Comptroller of Water Rights.

0257313 File No. 16 May 1966 Date issued: 30978 Conditional Licence No.

FILE COPY

British Columbia

NICOLA WATER DISTRICT



The boundaries of the land to which this licence is appurtenant are shown thus

Signature

Date May 16, 1966

C.L. 30978

L.O. 0257313

EXHIBIT "A"

10

ORDER

WATER ACT

Section 15

File No. 3000673

In the matter of Conditional Water Licence 61158, which authorizes the storage of water from West Midday Creek.

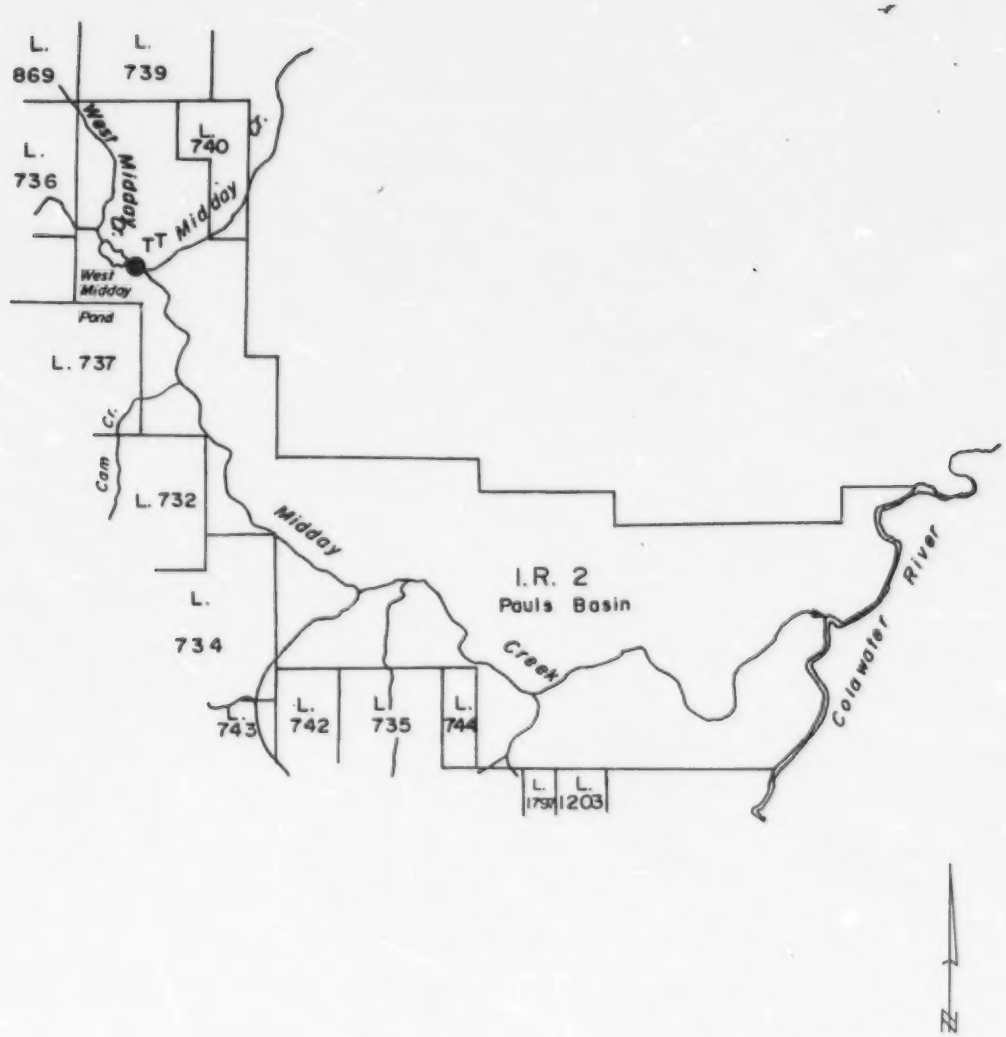
Having determined that the purpose for which this licence is issued was erroneously stated and being satisfied that no persons rights will be injuriously affected, I hereby amend clause 'd' of said licence to read as follows:

(d) The purpose for which this licence is issued is storage, with the stored water to be used as set out in Final Water Licence 9986.

Dated at Kamloops, B. C., this 27th day of November , 1985.

A.D. Zackodnik
Regional Water Manager

Province of British Columbia



WATER DISTRICT : NICOLA
PRECINCT : MERRITT
LAND DISTRICT : KAMLOOPS DIVISION OF YALE

LEGEND

Scale : 40 chains to 1 inch
Dam : ●
Map Number : W R 6054

Signature C.D. Zacharias
Date SEP 18 1985

C.L. 61158
File 3000673

For Diversion See F.L. 9986

WATER MANAGEMENT BRANCH

MINISTRY OF ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

Superintendent-General of Indian Affairs of Ottawa, Ontario, Canada KIA OH4

is hereby authorized to divert and use water as follows:

(a) The sources of the water-supply are Read Creek, Cam Creek, North Creek, West Midday Creek and Midday Creek.

(b) The points of diversion are located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 2nd May, 1889.

(d) The purposes for which this licence is issued are irrigation and domestic.

(e) The maximum quantity of water which may be diverted for irrigation purpose is 316.8 acre feet per annum of which 3000 gallons a day may be used for domestic purpose.

(f) The period of the year during which the water may be used for irrigation purpose is 1st April to 30th September and for domestic purpose is the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is 158.4 acres of Paul's Basin Indian Reserve No.2.

(h) The works for the diversion and carriage of water are diversion structure, ditches, pump, pipe and sprinkler system, which shall be located approximately as shown on the attached plan.

(i) The construction of the said works shall be completed and the water beneficially used on or before the 31st day of December, 1988.

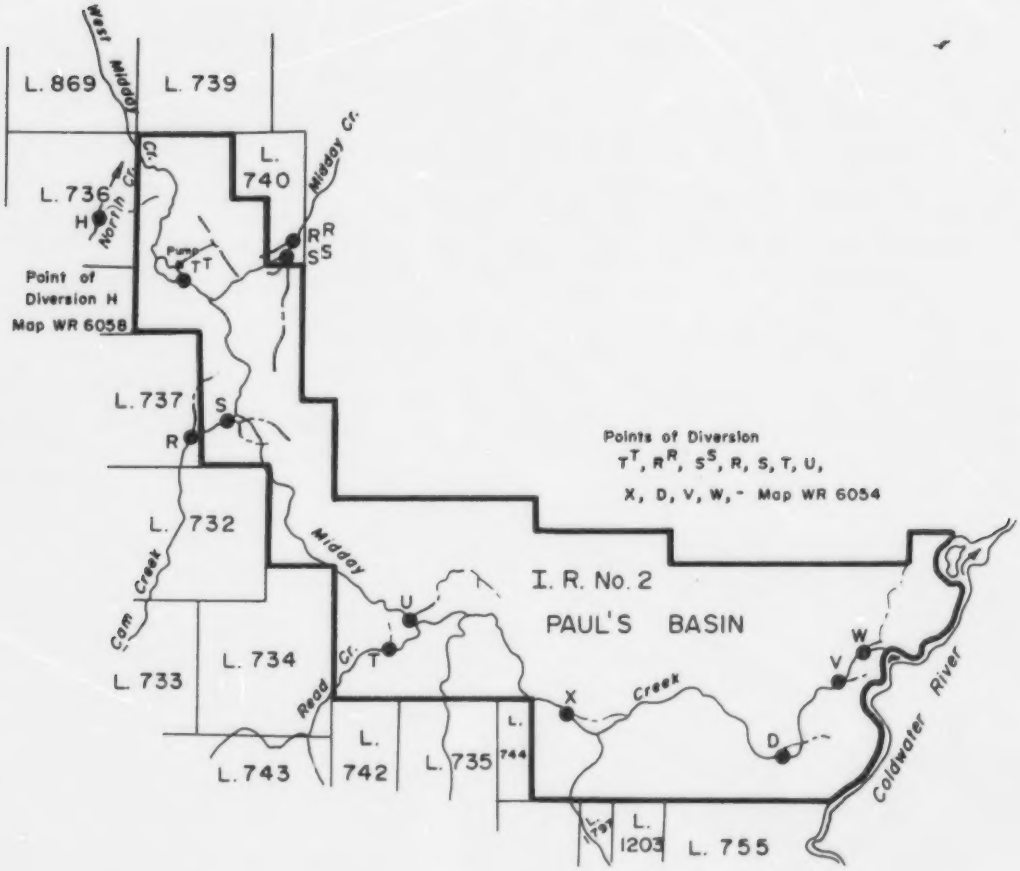
(k) This licence is issued in substitution of Final Water Licence 9986, under Section 15 of the Water Act.

A.D. Zackodnik
Regional Water Manager

File No. 0241032 Date issued: OCT 15 1986 Conditional Licence 63657

DD

Province of British Columbia



WATER DISTRICT : NICOLA
PRECINCT : MERRITT
LAND DISTRICT : YALE DIVISION OF YALE

LEGEND

Scale : 40 chains to 1 inch
Points of Diversion : ●
Map Numbers : WR 6054, 6058
Pipe, Ditch : —— - ——

Signature [signature]
Date OCT 15 1986

C.L. 63657 for F.L. 9986
File 0241032

For Storage See C.L. 61158

The boundaries of the land to which this licence is appurtenant are shown thus: ——————

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Skuagam creek,

a tributary of Coldwater river.

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 1st June, 1923.

(d.) The purpose for which the water is to be used is irrigation.

(e.) The maximum quantity of water which may be diverted from the stream is 95 acre-feet.

(f.) The period of the year during which the water may be used is

1st April to 30th September.

(g.) The land upon which the water may be used is 47 acres, being part of the Kuinshaatin Indian Reserve No.1 of the Lower Nicola, Boston Bar and other Indians, as shown in the said Exhibit "A."

(h.) The works for the diversion and the carriage of the water consist of ditches.

(i.) This licence is issued in substitution of Conditional Water Licence No. 7244.

Issued this 20th day of November, 1934.

J. Macdonald

Comptroller of Water Rights.

6053

Superseded by 19456

File No. 047607.

Licence No. 9004

W.R.B. 2—1M-434-7004

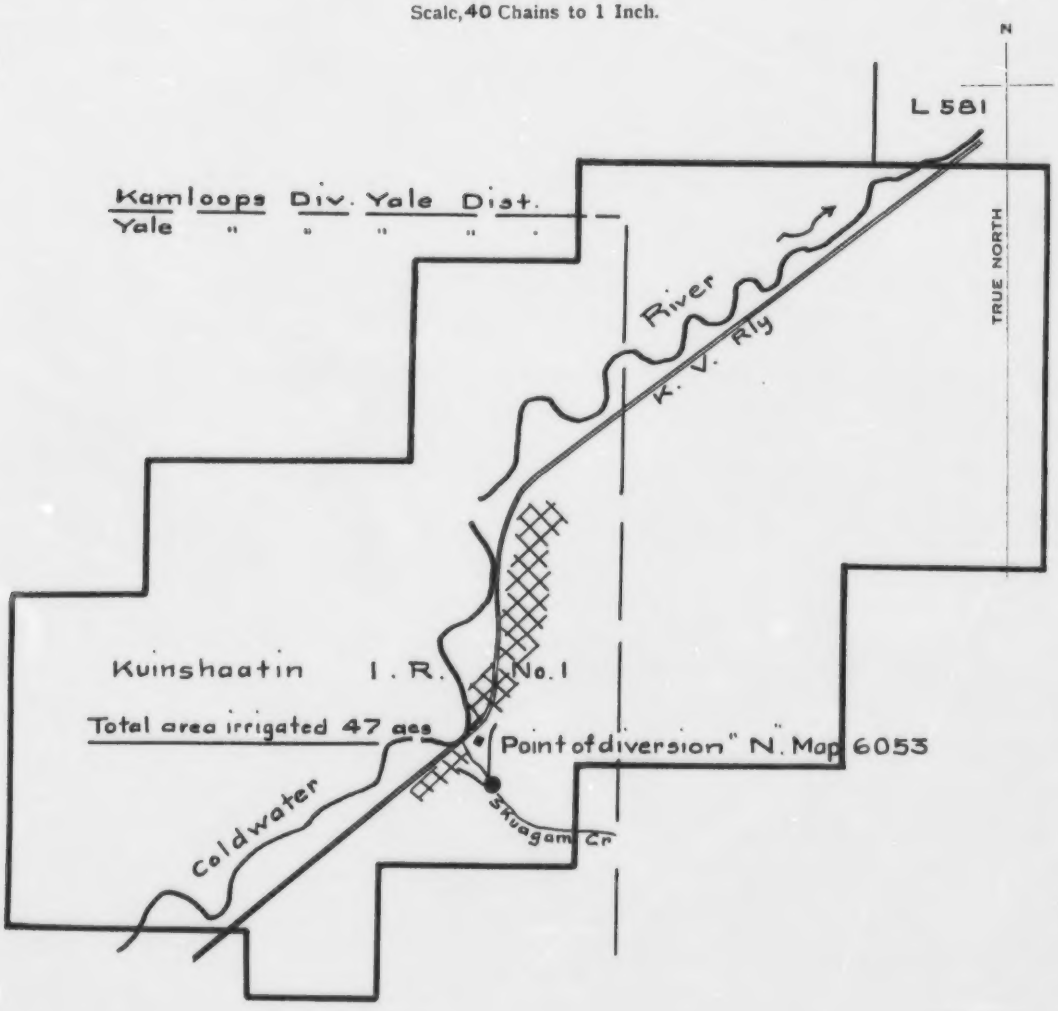
ORIGINAL

British Columbia.

To accompany Final Licence No. 9004

NICOLA WATER DISTRICT.

Scale, 40 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

RHW
DH.

Signature J. Macdonald

Date 20 Nov. 1934

F. L (9004) for C.L. 7244

File 047607

EXHIBIT "A"

W.R.B. 2—1M.

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is **Midday creek and tributaries thereof**

a tributary of **Coldwater river.**

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is **2 May, 1889.**

(*d.*) The purpose for which the water is to be used is **irrigation and domestic.**

(*e.*) The maximum quantity of water which may be diverted from the stream is **316.8 acre feet per annum for irrigation of which 3000 gallons a day may be used for domestic purpose.**

(*f.*) The period of the year during which the water may be used is **for irrigation is 1st April to 30th September and for domestic purpose is the whole year.**

(*g.*) The land upon which the water may be used is **158.4 acres of Paul's Basin Indian Reserve No.2,**

as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of **ditches.**

(*i.*) This licence is issued in substitution of Conditional Water Licence No. **6656.**

SUPERCEDED BY
LICENCE NO. C63657

Date issued **May 20, 1937.**

Comptroller of Water Rights.

Licence No. 9986

File No. **3-6-1**

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE
WATER RIGHTS BRANCH
VICTORIA, B.C.

ORDER

WATER ACT

Section 15

FILE NO. 0241032

In the matter of Final Water Licence 9986 which authorizes the diversion of water from Midday Creek and tributaries thereof.

Having determined that the source of the water-supply has been renamed and being satisfied that no person's rights will be injuriously affected I hereby amend Clause (a) of the said licence to read as follows:

(a) The source of the water-supply is Read Creek, Cam Creek, North Creek, West Midday Creek, and Midday Creek.

Dated at Victoria, B.C. this 5th day of July, 1974.

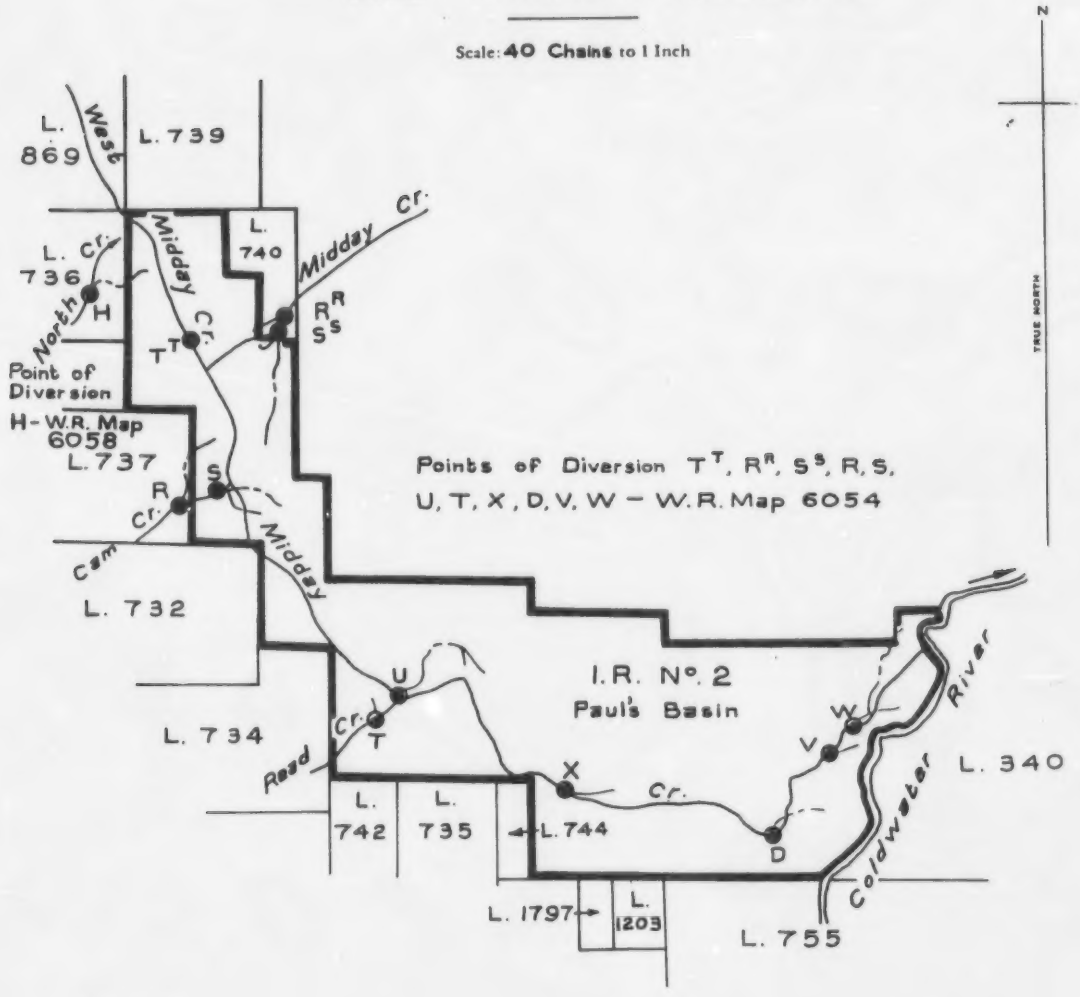
H.D. DeBeck,
Comptroller of Water Rights.

British Columbia

NICOLA WATER DISTRICT

YALE DIVISION OF YALE DISTRICT

Scale: 40 Chains to 1 Inch



LEGEND

Point of Diversion ●
W.R. Map 6054 & 6058
Ditch ———

The boundaries of the land to which this licence is appurtenant are shown thus: ———

Signature

Date 5th July 1974
Amended F.L. 9986
File 0241032

Merritt Precinct

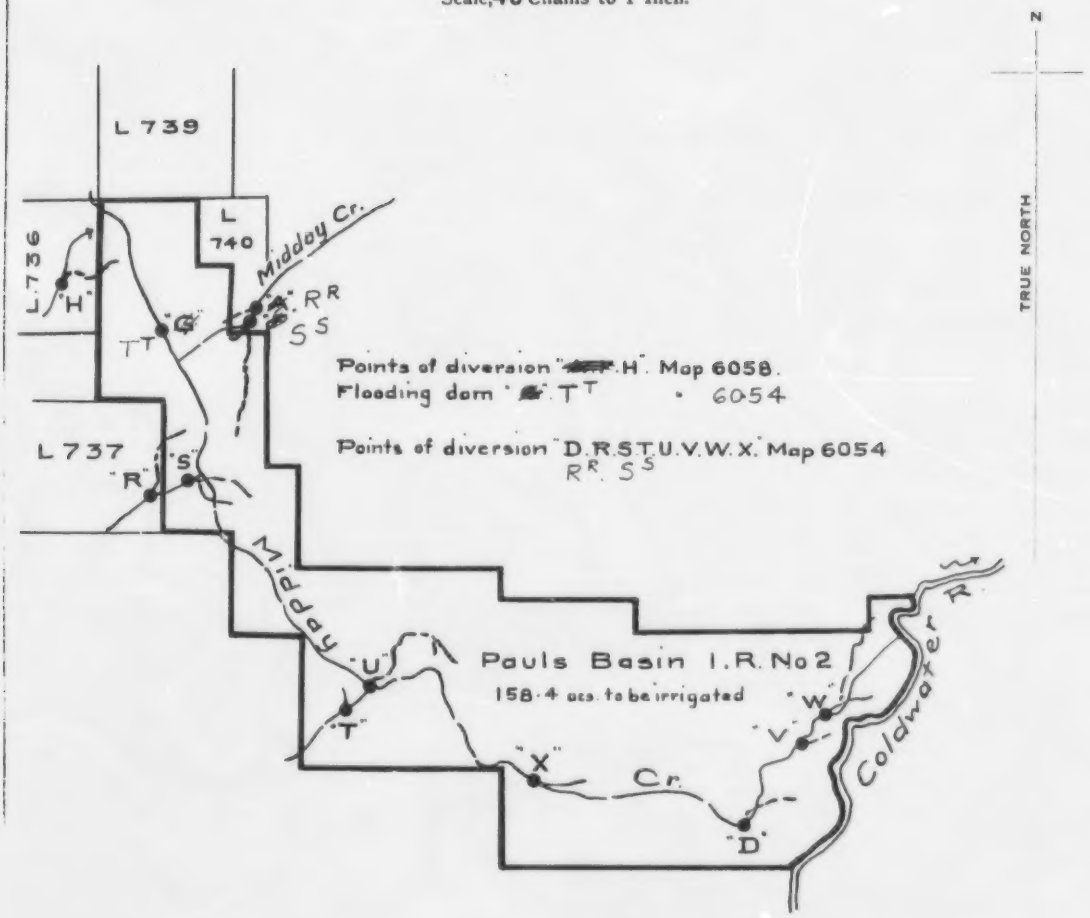
300-573-1067

British Columbia.

To accompany Final Licence No. 9986

NICOLA WATER DISTRICT.

Scale, 40 Chains to 1 Inch.



YALE DIV. of YALE DISTRICT

Signature J. Macdonell

Date 20 May, 1937

F.L.(9986) for C.L.6656

File 3-6-1

EXHIBIT "A"

W.R.B. 2—. -4337

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Coldwater River

a tributary of Nicola River.

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 6th May, 1937.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water which may be diverted from the stream is 10 acre feet per annum.

(*f.*) The period of the year during which the water may be used is 1st April to 30th September.

(*g.*) The land upon which the water may be used is 4 acres of Indian Reserve No. 2, Pauls Basin in the vicinity of Coldwater River,

as shown in the said Exhibit "A"

(*h.*) The works for the diversion and the carriage of the water consists of ditch.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 13268.

E. Davis

Comptroller of Water Rights.

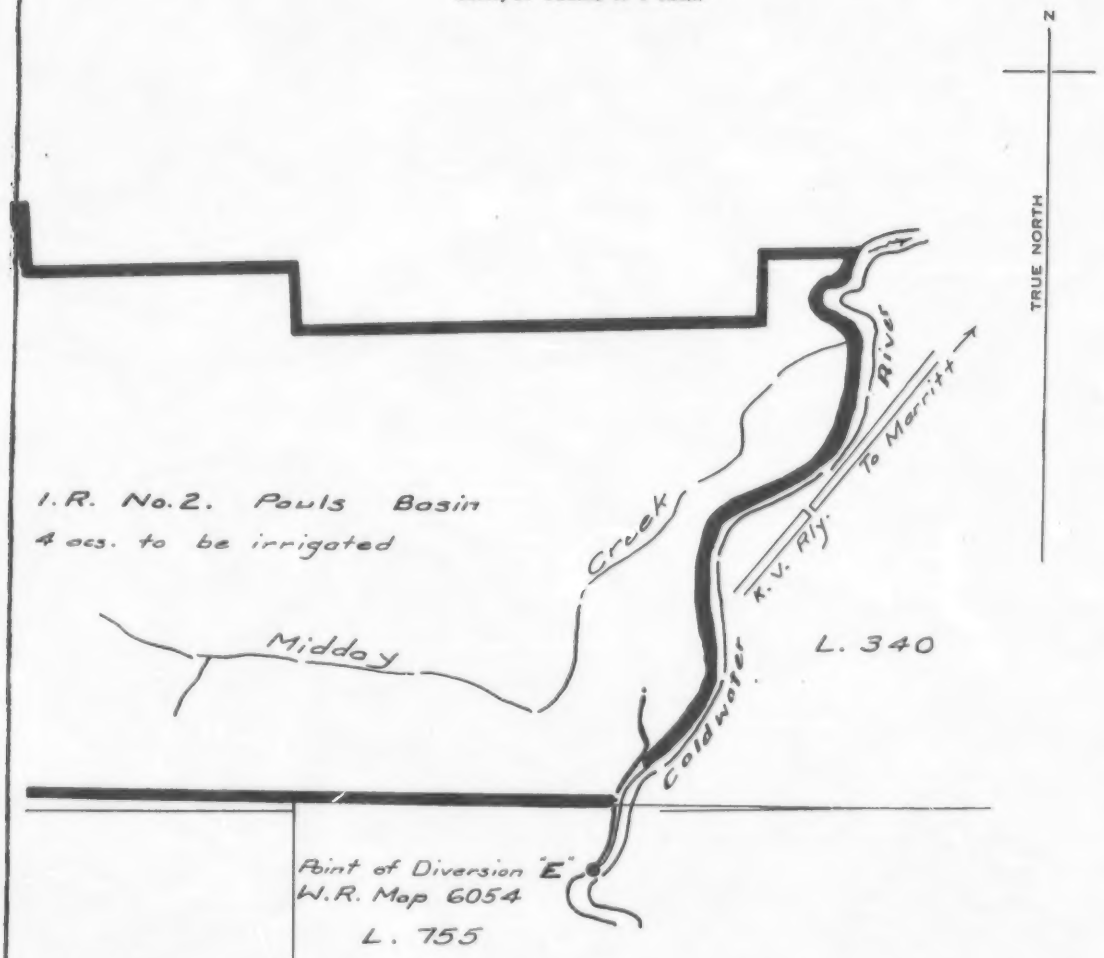
ENTERED ON
Map No. 92.54
By D.W.

File No. 0127907 Date issued February 15, 1941. Licence No. 11229

To accompany { Final Licence No. 11229 for Conditional Licence No. 13268

NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



YALE DIV. OF YALE DISTRICT

LEGEND

Point of Diversion ●

Ditch ———— . ———— .

The boundaries of the land to which this licence is appurtenant are shown: ▬▬▬

Signature E. Davis.

Date 15th Feb. 1941

F.L. (11229) for C.L. 13268

File 0127907

EXHIBIT "A"

W.R.B. 2—2m-37-6337

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Coldwater River

a tributary of Nicola River.

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 2nd May, 1889.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water which may be diverted from the stream is 205 acre-feet per annum.

(*f.*) The period of the year during which the water may be used is 1st May to 30th September.

(*g.*) The land upon which the water may be used is 102.5 acres of Indian Reserve No. 1, Coldwater,

as shown in the said Exhibit "A"

(*h.*) The works for the diversion and the carriage of the water consists of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 6650 (in part).

E. Davis

Comptroller of Water Rights.

ENTERED ON
Map No. 6058
By D.H.

(10993)

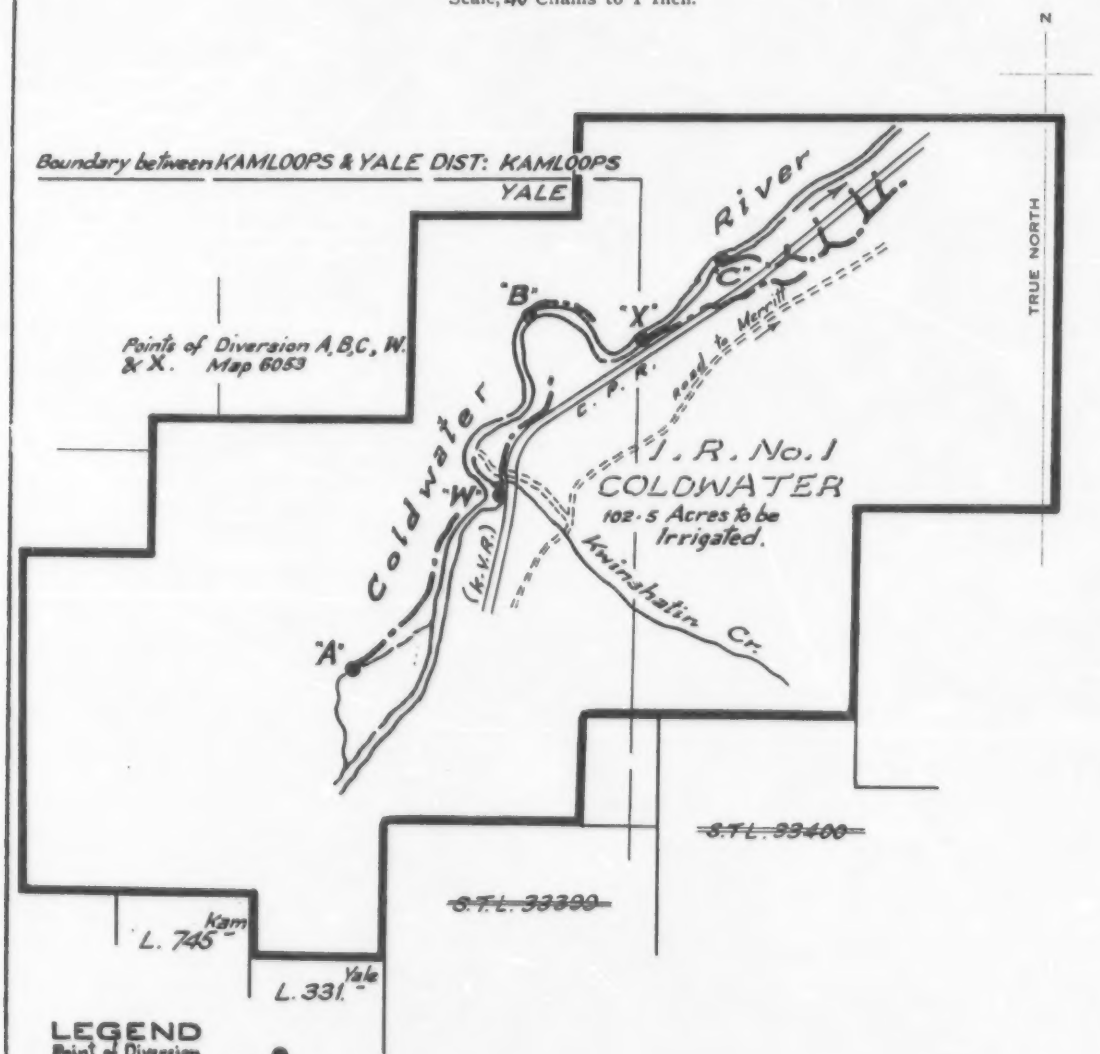
8/

British Columbia.

To accompany Final Licence No. 11230

NICOLA WATER DISTRICT.

Scale, 40 Chains to 1 Inch.



LEGEND

Point of Diversion

Ditch

The boundaries of the land to which this licence is appurtenant are shown thus:

Signature E. Davis

Date 15th Feb. 1941

F.L. 11230 for C.L. 6650 (Part)

File 5.6.1

EXHIBIT "A".

W.R.B. 2- 47-6827

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Kwinshatin Creek

a tributary of Coldwater River.

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 2nd May, 1889.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water which may be diverted from the stream is 172 acre-feet per annum.

(*f.*) The period of the year during which the water may be used is 1st May to 30th September.

(*g.*) The land upon which the water may be used is 86 acres of Indian Reserve No. 1, Coldwater,

as shown in the said Exhibit "A"

(*h.*) The works for the diversion and the carriage of the water consists of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 6650 (in part).

Superceded by F 19457

E. Davis

Comptroller of Water Rights.

ENTERED ON
Map No. 9253
By. W.K.

11231

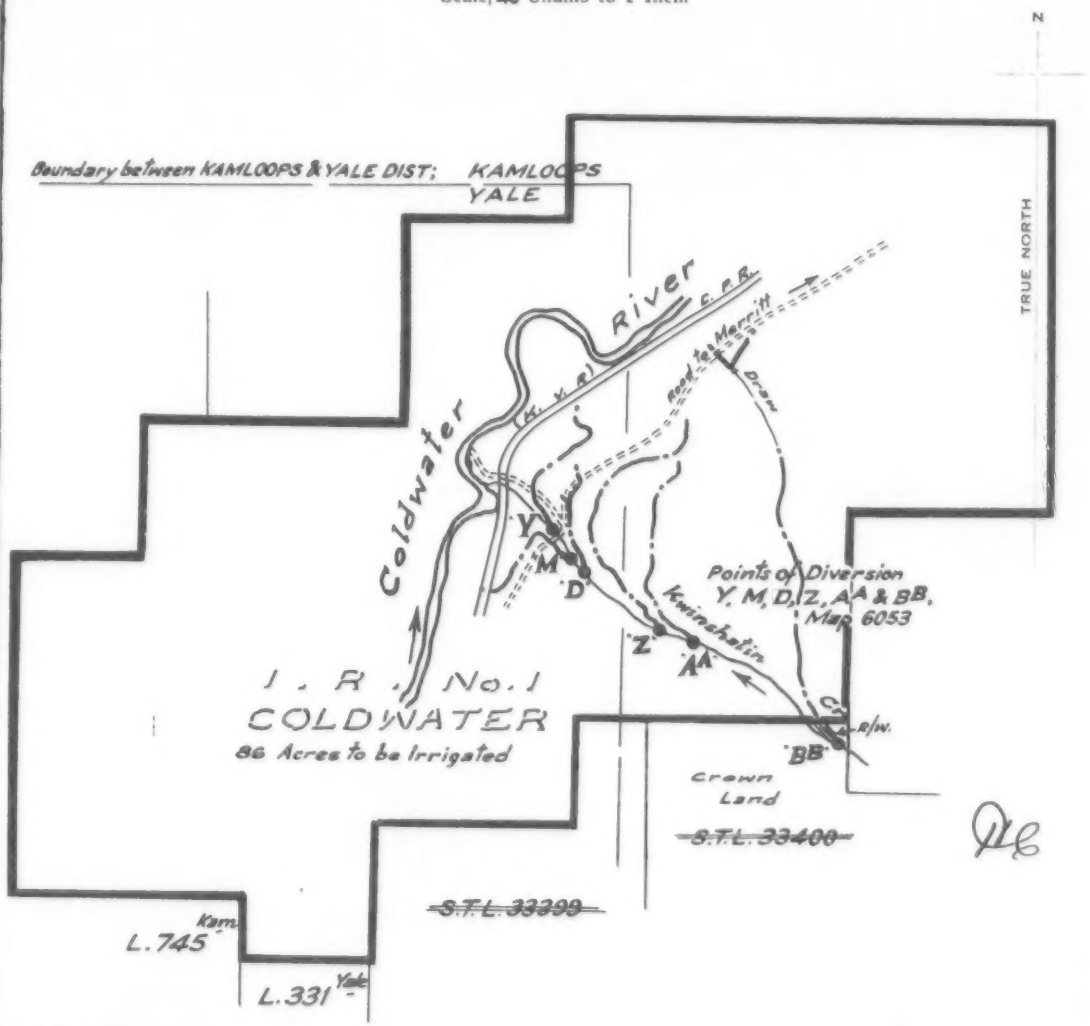
10

British Columbia.

To accompany Final Licence No. 11231
& permit for Right of Way over Crown Land

NICOLA WATER DISTRICT.

Scale, 40 Chains to 1 Inch.



LEGEND

Point of Diversion
Ditch
Right of Way
The boundaries of the land to which this licence is appurtenant are shown thus;

Signature E. Davis.

Date 15th Feb. 1941
F. L. (11231) for C. L. 6650 (Part)
File 5-6-1.

EXHIBIT "A"

For R/W see Ref. Map 6A(4-1)

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

FINAL WATER LICENCE

Department of Citizenship and Immigration,
Indian Affairs Branch of P.O. Box 70, Postal Station A,
Vancouver, B.C.

is/are hereby authorized to divert and use water as follows:—

(a) The source(s) of the water-supply is/are Skuagam Creek.

(b) The point(s) of diversion is/are located as shown on the attached plan.

(c) The date from which this licence shall have precedence is June 1, 1923.

(d) The purpose for which the water is to be used is irrigation.

(e) The maximum quantity of water which may be diverted is 91.7 acre feet per annum,

and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f) The period of the year during which the water may be used is 1st April to 30th September.

(g) The land upon which the water is to be used and to which this licence is appurtenant is
Indian Reserve No.1, Coldwater, of which 45.8 acres may be irrigated.

(h) The works authorized hereunder are ditches,

located as shown on the attached plan.

(i) This licence is issued in substitution of ~~conditional~~ Final Water Licence No. 9004 under Section 21 of the Water Act.

H. D. DeBeck,
Comptroller of Water Rights.

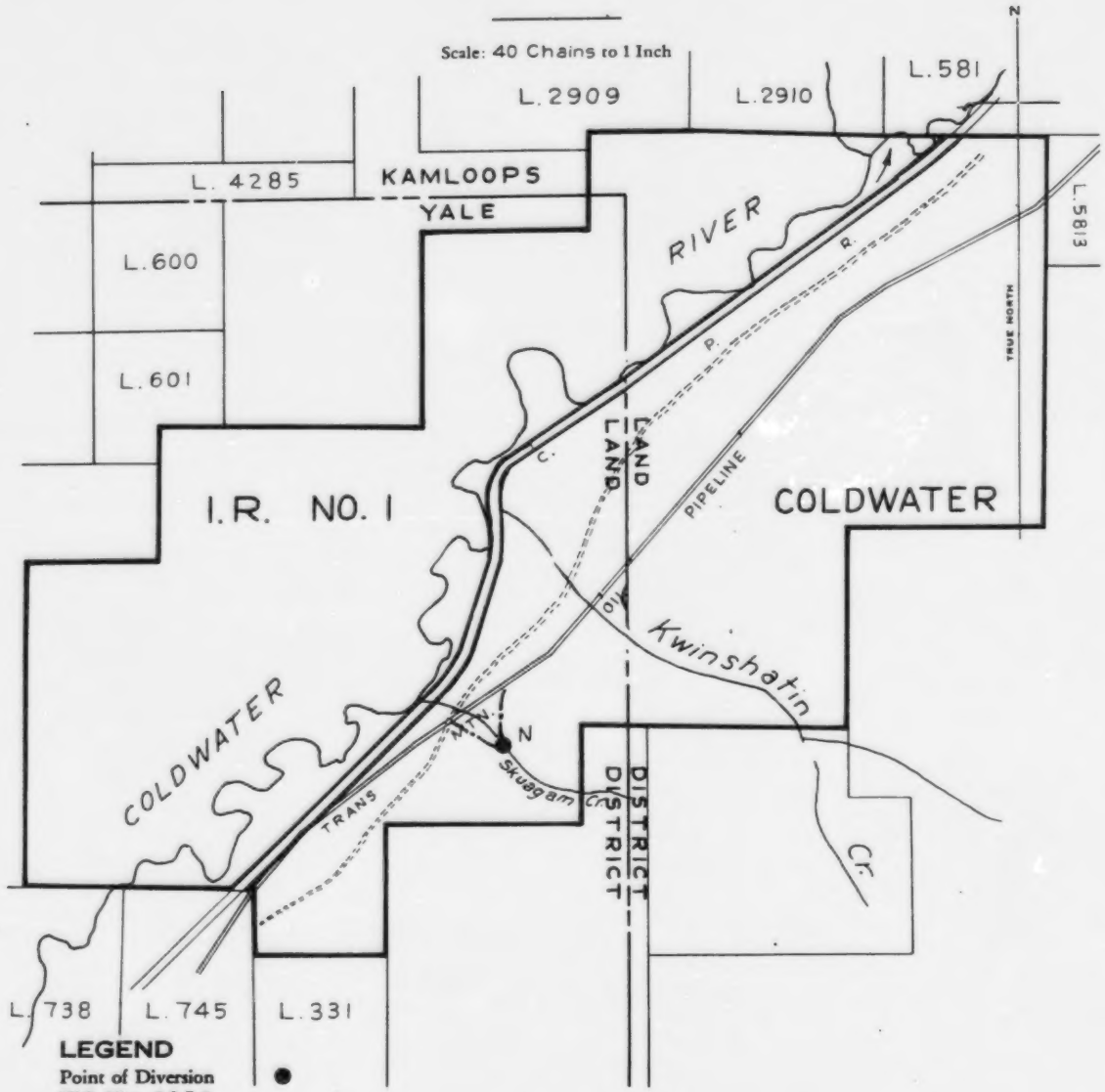
File No. 047607 Date issued: 15 August 1966 Final Licence No. 19456

5M-365-3219

6053 GHR
50

British Columbia

NICOLA WATER DISTRICT



LEGEND

Point of Diversion
W.R. Map 6053
Ditch———

The boundaries of the land to which this licence is appurtenant are shown thus:

Signature

Date Aug 15 1966

F.L. 19456 for F.L. 9004
File 047607

EXHIBIT "A" 4

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

FINAL WATER LICENCE

Department of Citizenship and Immigration,
Indian Affairs Branch of P.O. Box 70, Postal Station A,
Vancouver, B.C.

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Kwinshatin Creek.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 2 May, 1889.

(*d*) The purpose for which the water is to be used is irrigation.

(*e*) The maximum quantity of water which may be diverted is 165.4 acre feet per annum,

and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is 1st May to 30th September.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is
Indian Reserve No.1, Coldwater, of which 82.7 acres may be irrigated.

(*h*) The works authorized hereunder are ditches,

located as shown on the attached plan.

(*i*) This licence is issued in substitution of ~~Conditional~~ Final Water Licence No. 11231, under Section 21 of the Water Act.

H. D. DeBeck,
Comptroller of Water Rights.

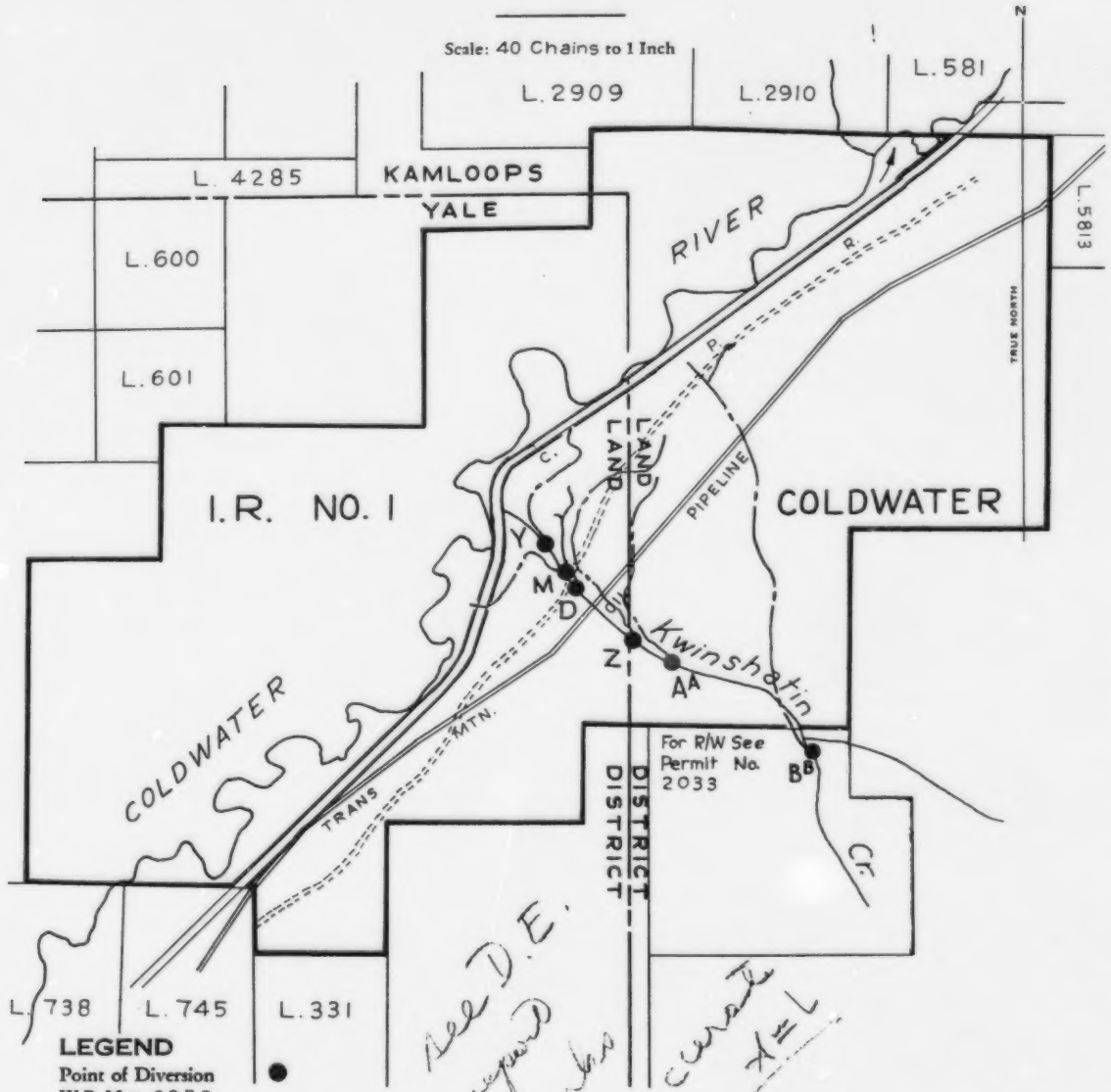
File No. 0241033 Date issued: 15 August 1966 Final Licence No. 19457

5M-365-3219

6053 ~~FHR~~
20

British Columbia

NICOLA WATER DISTRICT



LEGEND

Point of Diversion
W.R. Map 6053
Ditch — - —

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬

Signature

Date Aug 15 1966

EXHIBIT "A" 4

F.L. 19457 for F.L. 11231
File 0241033

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF
ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

FINAL WATER LICENCE

The Honourable, the Minister of Indian and Northern Affairs
of Ottawa, Ontario

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Kwinshatin Creek.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 12th June, 1964.

(*d*) The purpose for which the water is to be used is domestic.

(*e*) The maximum quantity of water which may be diverted is 5,000 gallons a day,

and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is the whole year.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is that part of Coldwater Indian Reserve No.1, lying east of the Coldwater River, Kamloops Division of Yale District and Yale Division of Yale District.

(*h*) The works authorized hereunder are diversion structure and pipe,

located as shown on the attached plan.

(*i*) This licence is issued in substitution of Conditional Water Licence No. 30978 under Sections 11 and 15 of the Water Act.

(j) This licence authorizes the use of water for domestic purpose in ten buildings located as shown on the attached plan.

H.D. DeBeck,
Comptroller of Water Rights.

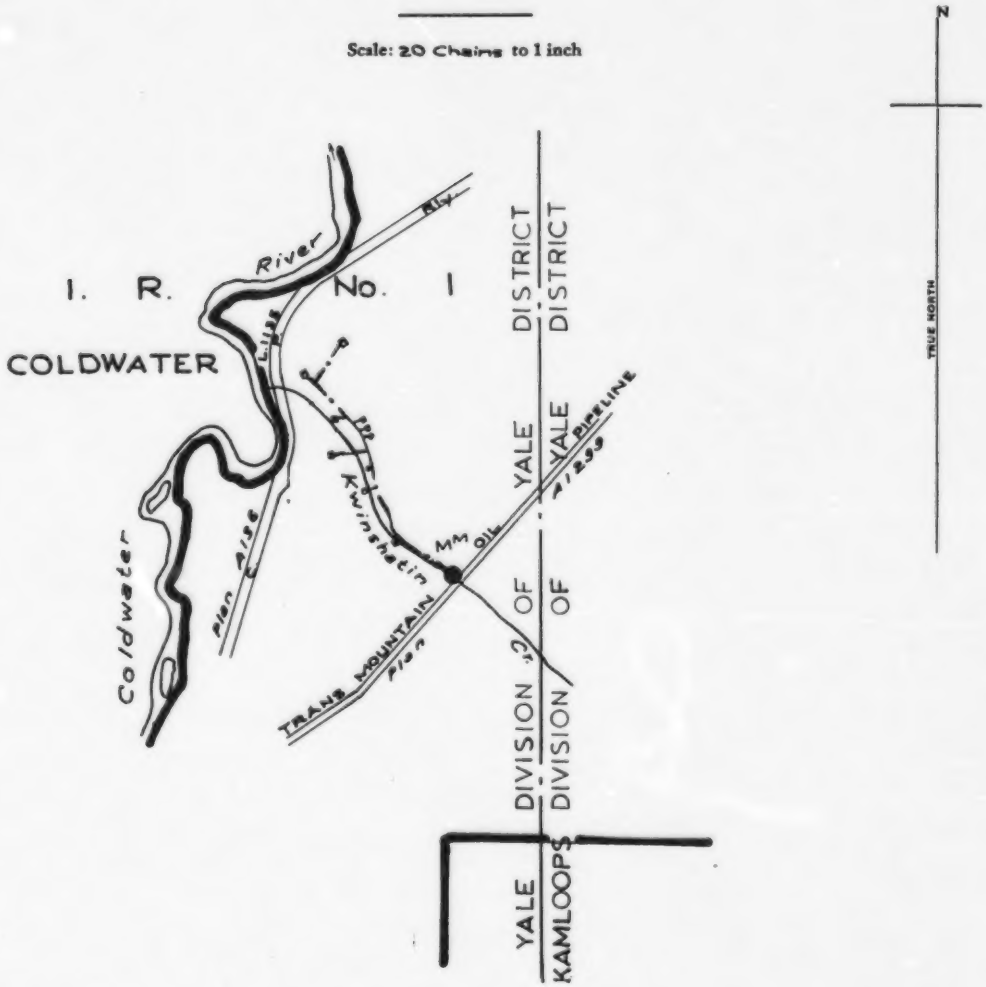
File No. 0257313 Date issued: 15th March, 1978 Final Licence No. 49866

ENTERED ON
Map No. 6053
by TED Mac

British Columbia

NICOLA WATER DISTRICT

Scale: 20 Chains to 1 inch



LEGEND

Point of Diversion ●
W.R. Map 6053
Pipe ———·———

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬▬

Signature [signature]

Date 15th. Mar. 1978

F.L. 49866 C.L. 30978

File 0257313

Merritt Precinct

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF
ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

FINAL WATER LICENCE

The Honourable, the Minister of Indian and Northern Affairs
of Ottawa, Ontario

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Skuagum Creek.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 12th June, 1964.

(*d*) The purpose for which the water is to be used is domestic.

(*e*) The maximum quantity of water which may be diverted is 2,500 gallons a day,

and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is the whole year.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is that part of Coldwater Indian Reserve No.1, lying east of the Coldwater River, Kamloops Division of Yale District and Yale Division of Yale District.

(*h*) The works authorized hereunder are diversion structure and pipe,

located as shown on the attached plan.

(*i*) This licence is issued in substitution of Conditional Water Licence No. 30977 under Sections 11 and 15 of the Water Act.

(j) This licence authorizes the use of water for domestic purpose in five dwellings located as shown on the attached plan.

H.D. DeBeck,
Comptroller of Water Rights.

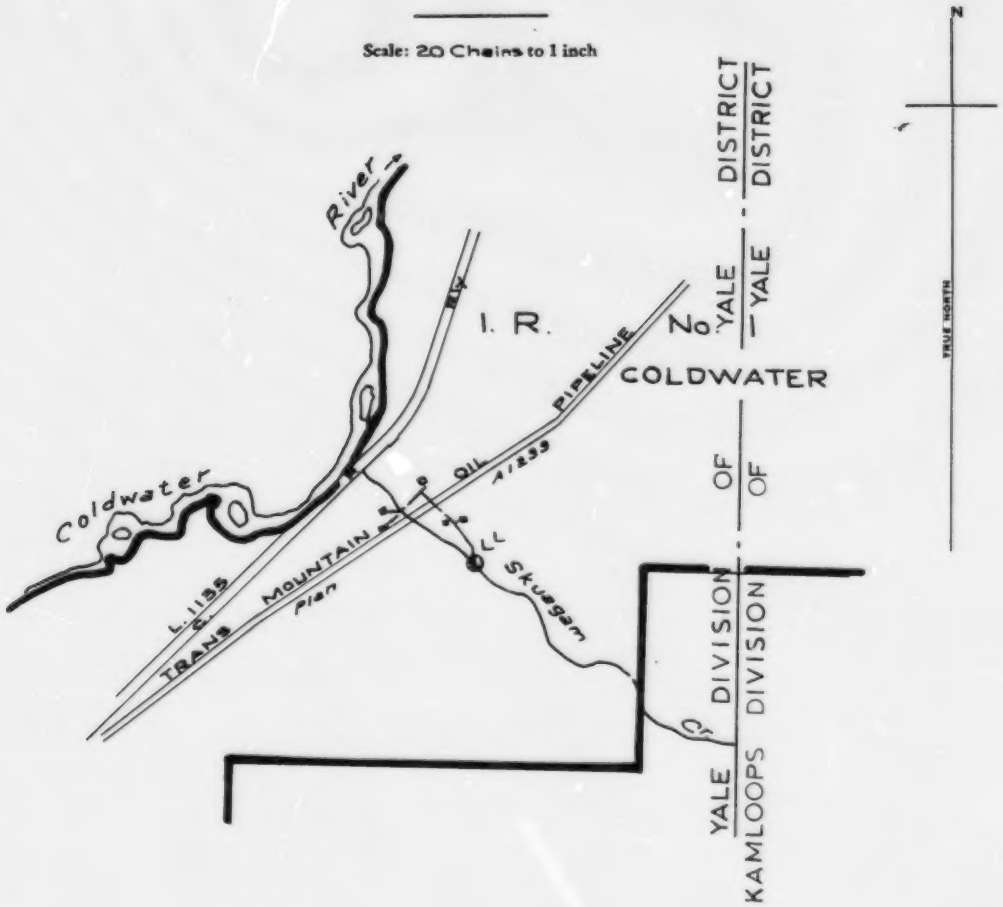
File No. 0257312 Date issued: 15th March 1978 Final Licence No. 49867

ENTERED ON
Map No. 6053
By T.E.D. M.C.

British Columbia

NICOLA WATER DISTRICT

Scale: 20 Chains to 1 inch



LEGEND

Point of Diversion ●
W.R. Map 6053
Pipe ———·———

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬▬

Signature

Date 15th Mar. 1978

F.L. 49867 for C.L. 30977

File 0257312

Merritt Precinct

DEPARTMENT OF LANDS.

Permit under the "Water Act," Authorizing Entry upon Crown Lands.

THE DIRECTOR OF INDIAN AFFAIRS, of Ottawa, Canada,

being the holder of Final Licence No. 11231

is hereby authorized to enter upon, use, and occupy a right-of-way of the following dimensions:—

Occupied Crown lands: Length, feet; width, feet; area, acres;

Unoccupied Crown lands: Length, 500 feet; width, 15 feet; area, .17 acres;

across the Crown lands known as "expired S.T.L. 33400" lying south of Indian Reserve No. 1,

which right-of-way is shown approximately on the plan attached to the said licence.

And is authorized to cut and remove from said Crown lands such timber only as is necessary for the construction of works for use of the water authorized to be used under the said licence, such authority being subject to the royalty as provided for under section 57 of the "Forest Act" and to the payment by way of stumpage as may be determined and collected by the Forest Branch.

There shall be payable under this permit on the date hereof and annually hereafter an annual rental which until altered shall be $1.00, and unless the said annual rental is paid punctually this permit may be cancelled without notice.

The further terms and conditions under which this permit is issued are printed on the reverse side of this form and are made a part thereof.

Issued this 15th day of February, 1941.

H. Cathcart

Deputy *Minister of Lands.*

File No. 5-6-1

W.R. Map, Ref. Map 6A (A-1)

W.R.B. 1050—1M-739-489

20332

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

Permit under the "Water Act" Authorizing the Occupation of Crown Land

Department of Citizenship and Immigration, Indian Affairs Branch, of Ottawa, Ontario

the holder of a water licence authorizing the diversion of water from Lemoto, Oluk and Talapus Creeks

is hereby authorized to occupy by constructing, maintaining and operating the works authorized under the said water licence, and any licences which may be issued in substitution thereof,

the following Crown land, namely:— a portion of Lot 4289, Kamloops Division of Yale District and Lots 602 and 603, Yale Division of Yale District, on which are situated two damsites containing 1 acre ± and a ditch right-of-way being 3800 feet ± in length and 15 feet in width, the locations of which are shown approximately on the plan attached to the said water licence,

2.3

having a total area of 1.3 ± acres.

And, subject to the payment of royalty, stumpage, and other compensation as provided under Condition 5,

is authorized to cut and remove from the said land, any timber the removal of which is necessary to permit the construction of the said works.

There is payable in respect of this permit an annual rental of $12.00, which is subject to alteration at any time. Failure to pay the annual rental will render this permit subject to cancellation.

This permit is appurtenant to the land to which the aforesaid water licence is appurtenant.

The conditions relative to the rights granted under this permit are printed on the back of this form.

Issued the 2nd day of July, 1965

Deputy Minister of Lands.

File 0245176

W.R. Map 6053

Ref. Map 92 I/SE (A-1)

W.R.B. 12—o

Conditional ~~Final~~ Licence No. 30077

PERMIT OVER CROWN LAND No. 5859

Stream Register Report Water Licence Information System

Report Requested By : KBABCOCK
Date Report Requested : 1995/10/17 08:52
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : FD53385 - 92.H.096 A
END POINT : SO670 - Cam Creek right of Midday Creek

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1889/05/02	C063657	0241032	158.4 AC OF IR #2 PAULS BASIN YDYD	COLDWATER INDIAN BAND 981-693-7199 PO BOX 4600 MERRITT BC V0K2B0	DOM IRR	3,000.00 GD 316.80 AF	Jan 01 Apr 01	Dec 31 Sep 30	STOR AT C 61158 W MIDDAY CR	

Source	NR Map	POD	RED POD	Comments	Prec
Cam Creek	MR92.N.096	B	N		21B NIC - MERRITT
Midday Creek	MR92.I.006	AA	N		
Midday Creek	MR92.I.006	BB	N		
West Midday Creek	MR92.I.006	I	N		
Midday Creek	MR92.N.096	J	N		
Midday Creek	MR92.N.096	H	N		
Midday Creek	MR92.N.096	G	N		
Midday Creek	MR92.N.096	F	N		
Midday Creek	MR92.N.096	E	N		
Read Creek	MR92.N.096	D	N		
Cam Creek	MR92.N.096	C	N		
North Creek	MR92.I.006	CC	N		

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1946/07/06	C017572	0161884	30 AC OF L 733 YDYD	MOYES KENNETH & MARY HAMMOND GRAYSON BOX 174 MERRITT BC V0K2B0	IRR	30.00 AF	Apr 01	Sep 30		

Source	NR Map	POD	RED	POD Comments	Prec
Cam Creek	MR92.N.096	A	N		21B NIC - MERRITT

---------- Total of 2 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : KBABCOCK
Date Report Requested : 1995/10/16 11:47
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : M0688 - 3 Joe Creek left of Coldwater River
END POINT : S0581 - Coldwater River left of Nicola River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD	RED	POD Comments			Prec	
1889/05/02	F011230	0241033	102.5 AC OF IR #1 COLDWATER YDYD	COLDWATER INDIAN BAND 981-693-7197 PO BOX 188 MERRITT BC V0K2B0	IRR	205.00 AF	Apr 01	Sep 30		
	Coldwater River		WR92.I.006	D	N				21B NIC - MERRITT	
	Coldwater River		WR92.I.006	E	N					
	Coldwater River		WR92.I.006	C	N					
	Coldwater River		WR92.I.006	B	N					
	Coldwater River		WR92.I.006	A	N					
1929/05/28	F009269	0086682	11 AC OF L 307A YDYD	EATON DANIEL S & JANICE A BOX 2805 MERRITT BC V0K2B0	IRR	22.00 AF	Apr 01	Sep 30		
	Coldwater River		WR92.H.096	X	N				21B NIC - MERRITT	
1929/06/30	F009697	0087294	31.8 AC OF L 306 YDYD	BEATON CAROL A PO BOX 1494 MERRITT B C V0K2B0	IRR	79.50 AF	Apr 01	Sep 30		AMD UNDER AMENDMENT
	Coldwater River		WR92.H.096	X	N				21B NIC - MERRITT	
1931/02/21	C026589	0237469	ALL THE LANDS WITHIN THE BDYS OF	MERRITT CITY OF BOX 189 MERRITT BC V0K2B0	MWKLA	5,475,000.00 GY	Jan 01	Dec 31		
	Coldwater River		WR92.I.017.1.1.1	B	N				21B NIC - MERRITT	
1937/05/06	F011229	0127907	4 AC OF IR #2 PAULS BASIN IN VICINITY COLDWATER R	COLDWATER INDIAN BAND 981-693-7199 PO BOX 4600 MERRITT BC V0K2B0	IRR	10.00 AF	Apr 01	Sep 30		
	Coldwater River		WR92.H.096	K	N				21B NIC - MERRITT	

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD	RED	POD Comments			Prec	
1938/04/12	C050392	0128300	46 AC OF L 738 & 745 YDYD EXC CPR R/W PLAN A136	PARKER FREDERICK L 2482 DOUGLAS RD BURNABY BC V5C5B3	IRR	115.00 AF	Apr 01	Sep 30		
	Coldwater River		WR92.I.006	DD	N				21B NIC - MERRITT	
1938/04/12	C050393	0346220	18 AC OF L 746 YDYD EXC CPR R/W PLAN A136 & PLAN 16967	STRANDE WILLIAM C BOX 2215 MERRITT BC V0K2B0	IRR	45.00 AF	Apr 01	Sep 30		
	Coldwater River		WR92.H.096	L	N				21B NIC - MERRITT	
1939/03/02	C030750	0127528	ALL THE LANDS WITHIN THE BDYS OF	MERRITT CITY OF BOX 189 MERRITT BC V0K2B0	MWKLA	169,031,500.00 GY	Apr 01	Sep 30		
	Coldwater River		WR92.I.017.1.1.1	B	N				21B NIC - MERRITT	
1961/02/07	C058163	0142858	134 AC OF L 126 & 176 GP 1 KDYD EXC PLAN B583 561 11119 11987 & 12017	COLLETT RANCH LTD PO BOX 816 MERRITT BC V0K2B0	IRR	335.00 AF	Apr 01	Sep 30		A/A APPORTIONMENT PEND
	Coldwater River		WR92.I.017.1.1.1	A	N	REDIVERSION AT G 92.I.016.2.2 NICOLA R			21B NIC - MERRITT	
	Nicola River		WR92.I.016.2.2	G	Y	REDIVERSION FROM D3 6052B COLDWATER R				
1964/05/29	C053595	0346697	0.14 AC L 1 OF L 301 YDYD PLAN 26089	MCLEOD CARROLL R & JOAN BOX 1731 MERRITT B C V0K2B0	IRR	0.35 AF	Apr 01	Sep 30		
	Coldwater River		WR92.H.096	LL	N				21B NIC - MERRITT	

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD	RED	POD Comments			Prec	
1944/05/29	C053596	0366696	.16 AC L A OF L 301 YDYD PLAN 24435	THOMASHEW AMUELIKA M PO BOX 741 MERRITT BC V0K2B0	IRR	0.40 AF	Apr 01	Sep 30		
	Coldwater River		WR92.H.096	KK	N				21B NIC - MERRITT	
1944/05/29	C053597	0152726	7.7 AC L A OF L 301 & 1794 YDYD PLAN 29015	ANDERSON JOHN M & MARY K BOX 2332 MERRITT BC V0K2B0	IRR	19.25 AF	Apr 01	Sep 30		
	Coldwater River		WR92.H.096	MM	N				21B NIC - MERRITT	
1947/10/08	F015575	0170300	8 AC OF L 607 YDYD	ANDERSON JOHN M & MARY K BOX 2332 MERRITT BC V0K2B0	IRR	20.00 AF	Apr 01	Sep 30		
	Coldwater River		WR92.H.096	AA	N				21B NIC - MERRITT	
1957/04/04	F020032	0215610	L 1618 YDYD	TRANS MOUNTAIN PIPE LINE CO LTD SUITE 900-1333 W BROADWAY VANCOUVER BC V6H4C2	DOM	1,000.00 GD	Jan 01	Dec 31		
	Coldwater River		WR92.H.096	W	N				21B NIC - MERRITT	
1958/07/09	C025311	0225282	ALL THE LANDS WITHIN THE BDYS OF	MERRITT CITY OF BOX 189 MERRITT BC V0K2B0	WWKLA	365,000,000.00 GY	Jan 01	Dec 31		
	Coldwater River		WR92.I.017.1.1.1	B	N				21B NIC - MERRITT	

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		WR Map	POD RED POD Comments						Prec	
1958/09/29	F047351	0222323	25.2 AC OF L 340 YDYD EXC CPR R/W PLAN A136	PINE RANCH LTD COLDWATER ROAD PO BOX 2763 MERRITT BC V0K2B0	IRR	50.40 AF	Apr 01	Sep 30		
Coldwater River		WR92.H.096	E N						21B NIC - MERRITT	
1965/06/16	C030751	0263044	ALL THE LANDS WITHIN THE BDYS OF	MERRITT CITY OF BOX 189 MERRITT BC V0K2B0	WWELA	169,031,500.00 GY	Jan 01	Dec 31		
Coldwater River		WR92.I.017.1.1.1	B N						21B NIC - MERRITT	
1966/03/10	C032353	0268270	200 AC OF THAT PRAT OF L 166 NW 1/4 SEC 3 & N 1/2 SEC 4 LYING SE OF COLDWATER R & NW OF K V RLY R/W; SW 1/4 SEC 4 SE 1/4 SEC 5 TP 91 & L 581 ALL WITHIN KDYD EXC K V RLY PLAN A215	SMALT GENE E & BLAKE L PO BOX 945 MERRITT B C V0K2B0	IRR	400.00 AF	Apr 01	Sep 30		
Coldwater River		WR92.I.006	W N						21B NIC - MERRITT	
1966/09/29	C033227	0270617	60 AC OF THAT PART OF L 1192 LYING W OF COLDWATER R	HUMMEL PETER & GEERTRUIDA BOX 368 MERRITT BC V0K2B0	DOM IRR	500.00 GD 120.00 AF	Jan 01 Apr 01	Dec 31 Sep 30	STOCK WATERING	
Coldwater River		WR92.H.096	T N						21B NIC - MERRITT	
Coldwater River		WR92.H.096	U N							
1985/06/24	Z103135	3000788	L 631 & 875 YDYD	FISHERIES & OCEANS DEPARTMENT OF 202 317 SEYMOUR ST KAMLOOPS BC V2C2E9	CONUS	3.00 CS	Jan 01	Dec 31		APP APPLIC-CLEARED
Coldwater River		WR92.H.086	C N						21B NIC - MERRITT	

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source	WR Map	POD	RED	POD Comments					Prec	
1989/06/14	2103136	3001457	L 1 OF L 332 PLAN 3039	KATONA LAJOS & MATILDA PO BOX 1362 MERRITT BC V0K2B0	IRR	50.00 AF	Apr 01	Sep 30		APP APPLIC-CLEARED
Coldwater River	WR92.I.006	KM	N						21B NIC - MERRITT	
1989/06/01	2103137	3001476	L 738 & 1821 KDYD	PARKER FREDERICK L 2482 DOUGLAS RD BURNABY BC V5C5B3	IRR	100.00 AF	Apr 01	Sep 30		APP APPLIC-CLEARED
Coldwater River	WR92.I.006	KK	N						21B NIC - MERRITT	

---------- Total of 22 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : KBABCOCK
Date Report Requested : 1995/10/16 14:11
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PO53299 - 92.I.006 P
END POINT : SO610 - Kwinahatin Creek right of Coldwater River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source			WR Map	POD	RED	POD Comments			Proc	
1888/05/02	019457	0261033	62.7 AC OF IR 81 COLDWATER YDYD	COLDWATER INDIAN BAND 981-693-7197 PO BOX 188 MERRITT BC V0K2B0	IRR	165.40 AF	Apr 01	Sep 30		
Kwinshatin Creek			WR92.I.006	G	N				21B NIC - MERRITT	
Kwinshatin Creek			WR92.I.006	L	N					
Kwinshatin Creek			WR92.I.006	K	N					
Kwinshatin Creek			WR92.I.006	J	N					
Kwinshatin Creek			WR92.I.006	H	N					
Kwinshatin Creek			WR92.I.006	F	N					
1964/06/12	F049866	0257313	THAT PART OF IR 81 COLDWATER RDYD LYING E OF COLDWATER R	COLDWATER INDIAN BAND 981-693-7197 PO BOX 188 MERRITT BC V0K2B0	WWEOT	5,000.00 GD	Jan 01	Dec 31		
Kwinshatin Creek			WR92.I.006	P	N				21B NIC - MERRITT	

---------- Total of 2 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : KBABCOCK
Date Report Requested : 1995/10/16 16:43
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : FD53303 - 92.I.006 T
END POINT : SO613 - Lemoto Creek left of Coldwater River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1962/07/30	C030077	0245176	20 AC OF COLDWATER IR #1 WITHIN YDYD & EDYD	COLDWATER INDIAN BAND 981-693-7197 PO BOX 188 MERRITT BC V0K2B0	IRR	40.00 AF	Apr 01	Sep 30	LEMOTO CR -22AF, OLUK CR - 6AF & TALAPUS CR - 12AF	

Source	WR Map	POD	RED	POD Comments	Prec
Lemoto Creek	WR92.I.006	T	N	REDIVERSION AT JJ 6053 W OLUK CR	21B NIC - MERRITT
Talapus Creek	WR92.I.006	Q	N		
West Oluk Creek	WR92.I.006	R	Y	REDIVERSION FROM FF 6053 OLUK CR & GG 6053 LEMOTO CR	
Oluk Creek	WR92.I.006	S	N		

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1988/07/05	2103140	3001302	DL 4282 EDYD	SCHINDLER WAYNE C SITE 0 COMP 0 RR 1 MERRITT BC V0K2B0	SW	500.00 GD	Jan 01	Dec 31		APP APPLIC-CLEARED
					IRR	15.00 AF	Apr 01	Sep 30		

Source	WR Map	POD	RED	POD Comments	Prec
Lemoto Creek	WR92.I.006	V	N		21B NIC - MERRITT

---------- Total of 2 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : KRABCOCK
Date Report Requested : 1995/10/17 08:36
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD53445 - 92.I.006 LL
END POINT : SO665 - Midday Creek left of Coldwater River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1889/05/02	C063657	0241032	150.4 AC OF IR #2 PAUL'S BASIN YDYD	COLDWATER INDIAN BAND 981-693-7199 PO BOX 4600 MERRITT BC V0K2B0	DOM IRR	3,000.00 GD 316.80 AF	Jan 01 Apr 01	Dec 31 Sep 30	STOR AT C 61150 W MIDDAY CR	

Source	WR Map	POD	RED POD	Comments	Prec
Midday Creek	WR92.I.006	BB	N		21B NIC - MERRITT
Midday Creek	WR92.I.006	AA	N		
West Midday Creek	WR92.I.006	I	N		
Midday Creek	WR92.H.096	J	N		
Midday Creek	WR92.H.096	H	N		
Midday Creek	WR92.H.096	G	N		
Midday Creek	WR92.H.096	F	N		
Midday Creek	WR92.H.096	E	N		
Read Creek	WR92.H.096	D	N		
Cam Creek	WR92.H.096	C	N		
Cam Creek	WR92.H.096	B	N		
North Creek	WR92.I.006	CC	N		

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1967/02/08	C034087	0273069	20 AC OF L 1323 KAMLOOPS WITHIN YDYD	EXTON JOAN PO BOX 261 MERRITT BC V0K2B0	IRR	40.00 AF	Apr 01	Sep 30		

Source	WR Map	POD	RED POD	Comments	Prec
Midday Creek	WR92.I.006	LL	N		21B NIC - MERRITT

---------- Total of 2 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : KBABCOCK
Date Report Requested : 1995/10/16 16:34
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : FD53314 - 92.I.006 S
END POINT : S0612 - Oluk Creek left of Coldwater River

Stream Register Report

Water Licence Information System

DATE: 1995/10/16
TIME: 16:34
PAGE: 001

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	FUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		WR Map	POD	RED	POD Comments				Prec	
1960/12/06	C028274	0234098	WATER DEVELOPMENT 252 SITUATED ON L 4289 KDYD	FOREST DISTRICT - MERRITT BAG 4400 MERRITT BC V0K2B0		DOM STONP	2,000.00 GD 8.00 AF	Jan 01 Oct 01	Dec 31 Jun 15	STOCK WATERING	
Oluk Creek		WR92.I.006	S	N						21B NIC - MERRITT	
1962/07/30	C030077	0245176	20 AC OF COLDWATER IR #1 WITHIN YDYD & KDYD	COLDWATER INDIAN BAND 981-693-7197 PO BOX 188 MERRITT BC V0K2B0		IRR	60.00 AF	Apr 01	Sep 30	LEMOTO CR -22AF, OLUK CR - 6AF & TALAPUS CR - 12AF	
Oluk Creek		WR92.I.006	S	N						21B NIC - MERRITT	
Talapus Creek		WR92.I.006	Q	N							
Lemoto Creek		WR92.I.006	T	N	REDIVERSION AT JJ 6053 W OLUK CR						
West Oluk Creek		WR92.I.006	R	Y	REDIVERSION FROM FF 6053 OLUK CR & GG 6053 LEMOTO CR						

---------- Total of 2 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : KBABCOCK
Date Report Requested : 1995/10/17 08:38
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD53359 - 92.I.006 HH
END POINT : SO609 - Skuagam Creek right of Coldwater River

Priority YYYY/MM/DD	Licence File Number	Appurtenancy Number	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source	WR Map	POD	RED	POD Comments				Prec	
1923/06/01	F019456	0047607 45.0 AC COLDWATER IR # 1	COLDWATER INDIAN BAND 981-693-7197 PO BOX 188 MERRITT BC V0K2B0	IRR	91.70 AF	Apr 01	Sep 30		
Skuagam Creek	WR92.I.006	M	N					21B NIC - MERRITT	
1923/08/13	F007464	0049026 36.0 AC OF L 745 GP 1 KDYD	PARKER FREDERICK L 2402 DOUGLAS RD BURNABY BC V5C5B3	IRR	74.00 AF	Apr 01	Sep 30	SUPPLEMENTARY TO F 5666 CASTILLION CR STOR AT C 46021 CASTILLION CR	
Skuagam Creek	WR92.I.006	HH	N	REDIVERSION AT HH, MM & NN 6056	CASTILLION CR			21B NIC - MERRITT	
Castillion Creek	WR92.I.006	GG	Y	REDIVERSION FROM KK 6056 SKUAGAM CR					
Castillion Creek	WR92.I.006	FF	Y	REDIVERSION FROM KK 6056 SKUAGAM CR					
Castillion Creek	WR92.I.006	EE	Y	REDIVERSION FROM KK 6056 SKUAGAM CR					
1964/06/12	F049867	0257312 THAT PART OF IR #1 COLDWATER KDYD LYING E OF COLDWATER R	COLDWATER INDIAN BAND 981-693-7197 PO BOX 188 MERRITT BC V0K2B0	WWKOT	2,500.00 GD	Jan 01	Dec 31		
Skuagam Creek	WR92.I.006	N	N					21B NIC - MERRITT	

---------- Total of 3 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : KBABCOCK
Date Report Requested : 1995/10/16 16:51
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD53329 - 92.I.006 U
END POINT : SO611 - Talapus Creek left of Coldwater River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		WR Map	POD	RED	POD Comments				Prec	
1960/12/06	C028273	0234097	WATER DEVELOPMENT 251 SITUATED ON UNSURVEYED VCL AS SHOWN ON PLAN	FOREST DISTRICT - MERRITT BAG 4400 MERRITT BC V0K2B0	DOM	2,000.00 GD	Jan 01	Dec 31	STOCK WATERING	
					STORP	12.00 AF	Oct 01	Jun 15	STOR IN OFFSTREAM POND	
Talapus Creek			WR92.I.006	U N					21B NIC - MERRITT	
1962/07/30	C030077	0245176	20 AC OF COLDWATER IR #1 WITHIN YDYD & EDYD	COLDWATER INDIAN BAND 981-693-7197 PO BOX 188 MERRITT BC V0K2B0	IRR	40.00 AF	Apr 01	Sep 30	LEMOTO CR -22AF, OLUK CR - 6AF & TALAPUS CR - 12AF	
Talapus Creek			WR92.I.006	Q N					21B NIC - MERRITT	
Lemoto Creek			WR92.I.006	T N	REDIVERSION AT JJ 6053 W OLUK CR					
West Oluk Creek			WR92.I.006	R Y	REDIVERSION FROM FF 6053 OLUK CR &	GG 6053 LEMOTO CR				
Oluk Creek			WR92.I.006	S N						

---------- Total of 2 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : KBABCOCK
Date Report Requested : 1995/10/17 08:47
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : MO671 - West Midday Pond on West Midday Creek
END POINT : SO671 - West Midday Creek right of Midday Creek

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD	RED POD Comments				Prec	
1989/05/02	C063657	0241032	158.4 AC OF IR #2 PAULS BASIN YDYD	COLDWATER INDIAN BAND 981-693-7199 PO BOX 4600 MERRITT BC V0K2B0	DOM IRR	3,000.00 GD 316.80 AF	Jan 01 Apr 01	Dec 31 Sep 30	STOR AT C 61158 W MIDDAY CR	
	West Midday Creek		WR92.I.006	I	N				21B NIC - MERRITT	
	Midday Creek		WR92.I.006	AA	N					
	Midday Creek		WR92.I.006	BB	N					
	Midday Creek		WR92.N.096	J	N					
	Midday Creek		WR92.N.096	H	N					
	Midday Creek		WR92.N.096	G	N					
	Midday Creek		WR92.N.096	F	N					
	Midday Creek		WR92.N.096	E	N					
	Read Creek		WR92.N.096	D	N					
	Cam Creek		WR92.N.096	C	N					
	Cam Creek		WR92.N.096	B	N					
	North Creek		WR92.I.006	CC	N					
1984/11/19	C061158	3000673	STOR FOR C 63657 READ CAM NORTH W MIDDAY & MIDDAY CRS	DUCKS UNLIMITED (CANADA) 954A LAVAL CRES KAMLOOPS BC V2C5P5	STONP	82.30 AF	Oct 01	Jun 15	STOR IN W MIDDAY POND	
	West Midday Creek		WR92.I.006	I	N				21B NIC - MERRITT	

---------- Total of 2 Licences Reported ----------

COLDWATER RIVER AT MERRITT - STATION NO. 08LG010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	31.3	42.8	12.4	1.47	---	---	---	---	---	1913
1914	---	---	---	21.1	41.5	26.8	8.29	0.714	0.947	1.26	---	---	---	1914
1915	---	---	---	17.6	15.6	6.65	2.08	0.685	0.266	3.77	4.12	2.42	---	1915
1916	---	---	---	20.2	---	---	18.2	4.20	1.43	1.02	1.19	0.973	---	1916
1917	0.850	0.850	1.13	2.61	28.2	37.7	15.2	2.14	0.987	1.24	---	---	---	1917
1918	---	---	---	---	---	33.1	7.18	1.80	0.667	4.38	2.47	6.41	---	1918
1919	---	---	11.3	15.5	39.2	36.5	19.4	3.58	1.61	1.44	---	---	---	1919
1920	---	---	---	2.52	16.7	23.7	10.6	1.18	3.48	15.2	4.83	2.77	---	1920
1921	0.850	0.850	6.24	11.9	44.2	45.7	14.8	2.32	4.12	---	---	---	---	1921
1961	---	---	---	---	34.3	34.5	4.82	0.979	1.49	4.20	2.46	1.78	---	1961
1962	4.81	7.50	3.17	11.9	22.5	25.6	4.60	2.28	1.26	2.93	5.89	4.80	8.08	1962
1963	2.19	10.9	5.35	7.01	23.3	17.2	6.99	2.23	1.12	3.13	5.29	7.02	7.62	1963
1964	6.43	3.71	2.49	8.40	26.3	45.1	16.8	2.92	3.35	5.57	2.87	2.77	10.5	1964
1965	2.00	3.14	3.64	10.8	25.8	23.1	5.23	1.49	0.885	2.59	4.50	3.37	7.21	1965
1966	1.55	1.05	2.00	12.2	24.5	22.1	9.65	1.34	0.663	2.78	2.38	9.45	7.50	1966
1967	3.31	2.75	2.08	3.44	28.9	43.0	7.72	1.19	0.306	4.56	6.61	3.10	8.92	1967
1968	22.0	9.19	11.8	7.85	36.2	36.3	10.8	1.37	1.71	3.09	3.66	3.18	12.3	1968
1969	2.52	2.44	2.14	9.65	39.0	19.4	3.04	0.651	1.90	3.33	3.50	4.28	7.68	1969
1970	1.12	1.21	2.63	5.24	26.3	28.4	2.20	0.420	0.602	1.09	1.13	0.823	5.94	1970
1971	1.99	5.20	2.88	9.05	57.6	35.0	14.4	2.23	1.14	1.93	2.19	0.576	11.2	1971
1972	0.725	2.01	11.4	13.3	60.3	55.2	24.4	4.48	1.48	1.51	0.990	0.398	14.7	1972
1973	0.603	0.934	1.67	4.68	23.8	16.3	4.83	0.632	0.380	1.88	2.47	2.45	5.08	1973
1974	2.56	3.03	5.03	18.6	37.0	55.7	23.1	4.36	0.953	0.959	1.49	1.65	12.9	1974
1975	1.23	1.23	1.39	5.08	33.3	45.9	16.2	1.95	1.12	2.48	9.66	9.36	10.8	1975
1976	5.59	4.14	2.47	7.01	34.9	31.6	22.3	6.90	2.55	1.04	1.87	1.67	10.2	1976
1977	1.88	3.26	2.07	7.94	14.5	14.1	1.93	0.434	0.648	1.12	1.98	3.53	4.60	1977
1978	1.72	1.67	4.58	13.1	27.2	28.7	6.12	1.15	2.36	2.17	4.98	1.55	7.96	1978
1979	1.31	1.25	3.08	6.65	24.3	14.6	2.45	0.526	0.684	0.926	1.32	7.69	5.43	1979
1980	1.86	2.09	2.90	14.7	29.3	18.3	4.06	1.73	2.06	2.14	4.48	18.0	8.49	1980
1981	8.97	5.73	5.21	10.4	27.1	16.4	8.05	1.40	0.767	2.82	3.87	1.47	7.69	1981
1982	1.40	2.31	2.20	3.95	30.1	43.4	11.8	1.98	0.986	2.07	1.55	1.56	8.62	1982
1983	3.20	2.87	4.87	10.6	32.6	17.8	7.60	1.18	1.31	1.30	5.22	1.47	7.52	1983
1984	10.8	2.74	3.46	5.36	10.2	24.8	8.69	1.60	1.44	2.16	1.69	1.04	6.16	1984
1985	1.08	1.58	1.50	10.1	29.2	23.6	3.49	0.544	0.817	3.34	3.16	0.959	6.62	1985
1986	2.06	4.68	9.74	12.1	28.3	25.5	5.19	1.15	0.806	1.46	3.24	1.93	8.01	1986
1987	2.41	2.16	5.92	16.2	36.9	16.8	3.28	0.634	0.314	0.357	0.520	0.664	7.21	1987
1988	0.485	0.944	1.55	13.7	26.3	19.7	4.76	0.882	0.590	2.32	5.05	2.18	6.53	1988
1989	2.11	2.28	2.26	12.7	31.9	24.2	3.69	2.01	0.981	2.41	9.84	6.68	8.44	1989
1990	2.35	1.43	2.50	17.9	21.3	25.3	7.55	1.07	0.886	7.00	23.8	6.49	9.78	1990
MEAN	3.29	3.07	4.08	10.6	30.3	29.0	9.33	1.79	1.29	2.78	4.18	3.66	8.40	MEAN

LOCATION - LAT 50 06 35 N DRAINAGE AREA, 914 km²
LONG 120 48 10 W REGULATED

COLDWATER RIVER AT MERRITT - STATION NO. 08LG010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	75.0 ON JUN 03	---	---	1913
1914	---	64.8 ON MAY 15	0 ON OCT 18 *	---	1914
1915	---	32.8 ON APR 20	0.142 ON FEB 09	---	1915
1916	---	---	0.850E ON DEC 28	---	1916
1917	---	62.9 ON MAY 28	0.708 ON SEP 22	---	1917
1918	---	60.9 ON JUN 10	0.481 ON SEP 21	---	1918
1919	---	63.7 ON MAY 27	1.13 ON OCT 09	---	1919
1920	---	36.5 ON OCT 06	0.651 ON AUG 23	---	1920
1921	---	78.7 ON MAY 25	0.793 ON SEP 14	---	1921
1961	---	70.8 ON JUN 04	0.521 ON AUG 15	---	1961
1962	---	65.1 ON MAY 26	1.03 ON SEP 10	255 000	1962
1963	---	62.3 ON MAY 23	0.368 ON OCT 03	240 000	1963
1964	---	85.8 ON JUN 02	1.13 ON NOV 29	333 000	1964
1965	---	54.9 ON MAY 29	0.629 ON OCT 04	227 000	1965
1966	---	47.6 ON MAY 07	0.365 ON SEP 05	236 000	1966
1967	---	70.5 ON JUN 03	0.142 ON SEP 30	281 000	1967
1968	---	85.0 ON MAY 20	0.680 ON SEP 12	388 000	1968
1969	---	79.9 ON MAY 11	0.484 ON SEP 13	242 000	1969
1970	---	87.2 ON JUN 04	0.266 ON SEP 02	187 000	1970
1971	---	114 ON MAY 13	0.391B ON DEC 09	354 000	1971
1972	---	115 ON MAY 30	0.266B ON DEC 07	465 000	1972
1973	---	62.6 ON MAY 18	0.252 ON SEP 12	160 000	1973
1974	---	90.6 ON JUN 17	0.597 ON OCT 01	406 000	1974
1975	---	83.0 ON JUN 03	0.776 ON SEP 29	339 000	1975
1976	---	62.3 ON MAY 10	0.861 ON OCT 21	322 000	1976
1977	---	34.5 ON JUN 08	0.198 ON AUG 19	145 000	1977
1978	---	62.9 ON JUN 05	0.762 ON AUG 10	251 000	1978
1979	---	47.6 ON APR 29	0.466 ON AUG 31	171 000	1979
1980	---	122 ON DEC 27 *	1.08 B ON JAN 28	268 000	1980
1981	---	53.2 ON MAY 01	0.538 ON SEP 18	243 000	1981
1982	---	63.8 ON JUN 15	0.710B ON JAN 05	272 000	1982
1983	---	59.6 ON MAY 30	0.641 ON AUG 27	237 000	1983
1984	---	81.4 ON JAN 05	0.640B ON DEC 31	195 000	1984
1985	---	67.5 ON MAY 19	0.236 ON AUG 30	209 000	1985
1986	---	76.8 ON MAY 30	0.534 ON SEP 07	253 000	1986
1987	---	79.8 ON MAY 12	0.233 ON SEP 02	227 000	1987
1988	---	64.5 ON MAY 13	0.258B ON JAN 06	207 000	1988
1989	---	60.3 ON MAY 07	0.545 ON OCT 10	266 000	1989
1990	---	107 ON NOV 11	0.500 ON SEP 30	309 000	1990
				265 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLDWATER RIVER NEAR BROOKMERE - STATION NO. 08LG048

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.937	3.10	4.78	3.24	---	1965
1966	1.69	0.877	1.50	9.16	21.4	20.0	8.64	1.95	0.727	---	---	---	---	1966
1967	---	2.76	1.62	2.83	24.4	40.4	7.20	1.72	0.756	4.89	5.71	4.65	---	1967
1968	10.6	6.49	4.60	4.80	24.6	31.3	10.6	1.74	1.84	3.18	3.32	2.74	9.06	1968
1969	1.41	1.65	1.45	6.57	33.7	18.6	2.94	0.848	1.76	2.90	2.83	1.20	6.35	1969
1970	0.512	0.554	0.986	2.37	20.6	24.7	2.57	0.779	0.904	1.24	1.46	0.980	4.81	1970
1971	1.07	2.90	2.18	5.44	37.0	31.2	18.0	2.64	0.979	2.16	2.04	0.441	6.87	1971
1972	0.322	0.873	4.27	6.42	39.9	46.8	22.7	4.12	2.05	1.97	1.52	0.659	11.0	1972
1973	0.613	0.619	0.919	3.08	18.7	13.2	4.21	1.01	0.701	1.93	1.72	1.82	4.07	1973
1974	1.69	1.66	2.04	7.19	21.2	45.6	19.2	4.12	1.33	1.26	1.20	0.963	8.96	1974
1975	0.695	0.753	1.01	2.04	21.0	36.5	14.5	2.19	1.23	2.77	9.01	7.50	8.28	1975
1976	4.63	3.31	1.94	4.23	26.0	27.5	19.2	6.09	2.57	1.18	1.81	1.48	8.36	1976
1977	1.72	2.69	1.83	7.16	12.8	12.7	2.04	0.763	0.857	1.30	1.56	3.09	4.20	1977
1978	1.51	1.36	3.15	8.36	19.9	26.2	5.24	1.23	2.46	2.39	4.00	1.03	6.41	1978
1979	0.820	0.825	2.24	4.44	20.2	12.2	2.28	0.655	0.720	0.907	0.854	6.24	4.39	1979
1980	1.62	1.71	2.31	10.6	22.0	15.0	3.58	1.46	1.57	1.76	4.32	15.0	6.76	1980
1981	6.89	3.94	3.23	7.13	21.3	15.2	6.93	1.33	0.973	2.68	3.34	1.33	6.20	1981
1982	1.08	1.54	1.51	2.71	21.0	36.7	11.2	2.27	1.09	2.29	1.49	1.34	7.02	1982
1983	2.59	2.22	3.67	7.83	26.6	15.1	7.06	1.15	1.19	1.15	4.73	1.33	6.24	1983
1984	10.7	2.33	2.87	4.39	9.48	24.2	7.95	1.53	1.37	1.98	1.44	0.885	5.76	1984
1985	0.857	1.21	0.834	7.80	24.9	20.2	3.25	0.732	0.955	2.99	2.78	0.806	5.62	1985
1986	1.71	3.51	7.62	8.63	23.7	21.1	5.22	1.17	0.818	1.41	2.85	1.74	6.63	1986
1987	2.02	1.55	4.14	11.8	27.5	14.0	3.40	0.814	0.533	0.460	0.590	0.660	5.65	1987
1988	0.464	0.821	1.28	10.6	20.9	16.4	4.93	1.03	0.773	2.51	4.89	2.04	5.55	1988
1989	1.74	1.55	1.62	10.4	25.8	20.5	3.83	2.12	0.985	2.57	9.74	6.87	7.32	1989
1990	1.65	1.14	2.12	14.3	18.1	21.2	7.40	1.26	1.09	7.28	23.4	6.20	8.75	1990
MEAN	2.44	1.95	2.56	6.81	23.3	24.3	8.16	1.79	1.20	2.33	4.14	2.97	6.79	MEAN

LOCATION - LAT 49 51 20 N
LONG 120 54 27 W
DRAINAGE AREA, 316 km²
NATURAL FLOW

KWINSHATIN CREEK NEAR MERRITT - STATION NO. 08LG027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	0.283	0.082	---	---	---	---	---	---	---	1928
MEAN	---	---	---	---	0.283	0.082	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 50 01 25 N
LONG 120 50 00 W
DRAINAGE AREA, 18.9 km²

KWINSHATIN CREEK NEAR MERRITT - STATION NO. 08LG027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1928	---	0.623 ON MAY 13 *	---	---	1928
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MICHEL CREEK BELOW NATAL - STATION NO. 08NK020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	84.4 ON MAY 26	1.06 B ON FEB 14	280 000	1970
1971	---	109 ON MAY 13	1.32 B ON JAN 05	444 000	1971
1972	---	148 ON MAY 31	1.08 B ON DEC 08	531 000	1972
1973	---	92.0 ON MAY 19	1.39 B ON JAN 09	268 000	1973
1974	---	180 ON JUN 16 *	1.05 B ON FEB 21	594 000	1974
1975	---	107 ON JUN 19	0.821B ON JAN 12	406 000	1975
1976	---	113 ON MAY 11	1.30 B ON FEB 06	432 000	1976
1977	---	43.0 ON MAY 11	1.13 B ON NOV 23	168 000	1977
1978	---	84.1 ON JUN 06	1.25 B ON FEB 01	352 000	1978
1979	---	84.1 ON MAY 26	1.25 B ON NOV 29	261 000	1979
1980	---	71.4 ON APR 30	0.934B ON JAN 31	300 000	1980
1981	---	104 ON MAY 26	1.38 B ON DEC 18	389 000	1981
1982	---	85.8 ON MAY 26	1.18 B ON MAR 19	306 000	1982
1983	---	98.5 ON MAY 27	1.48 B ON DEC 29	296 000	1983
1984	---	60.9 ON MAY 30	0.920B ON JAN 20	232 000	1984
1985	---	77.2 ON MAY 20	1.14 B ON JAN 01	276 000	1985
1986	---	144 ON MAY 29	1.11 B ON FEB 18	349 000	1986
1987	---	78.5 ON MAY 09	1.00 B ON DEC 31	250 000	1987
1988	---	69.6 ON MAY 13	0.638 ON MAR 17 *	246 000	1988
1989	---	73.3A ON MAY 07	1.11 B ON FEB 04	351 000	1989
1990	114 AT 14:29 MST ON MAY 30 *	109 ON MAY 30	1.48 B ON FEB 18	446 000	1990
				342 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MIDDAY CREEK ABOVE 800 M CONTOUR - STATION NO. 08LG059

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	1.01	1.88	0.280	0.030	0.006	0.005	---	---	---	---	1971
MEAN	---	---	---	1.01	1.88	0.280	0.030	0.006	0.005	---	---	---	---	MEAN

LOCATION - LAT 49 59 47 N, LONG 120 59 05 W DRAINAGE AREA, 44 km^2 NATURAL FLOW

MIDDAY CREEK ABOVE 800 M CONTOUR - STATION NO. 08LG059

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	3.60 AT 12:01 PST ON MAY 04 *	3.40 ON MAY 04 *	---	---	1971
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MIDDAY CREEK ABOVE DIVERSIONS - STATION NO. 08LG057

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	0.311	0.123	---	---	---	---	---	---	---	1970
MEAN	---	---	---	---	0.311	0.123	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 50 00 21 N, LONG 120 58 54 W DRAINAGE AREA, 34.4 km^2 NATURAL FLOW

MIDDAY CREEK ABOVE DIVERSIONS - STATION NO. 08LG057

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	0.595 ON MAY 16 *	---	---	1970
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MIDDAY CREEK NEAR THE MOUTH - STATION NO. 08LG058

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	1.26	0.400	---	---	---	---	---	---	---	1970
1971	---	---	---	1.51	2.65	---	---	---	---	---	---	---	---	1971
MEAN	---	---	---	1.51	1.96	0.400	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 49 58 40 N, LONG 120 56 24 W DRAINAGE AREA, 87.5 km^2 REGULATED

MIDDAY CREEK NEAR THE MOUTH - STATION NO. 08LG058

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	2.10 ON MAY 17	---	---	1970
1971	---	4.33 ON MAY 03 *	0 ON AUG 24 *	---	1971
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MILKRANCH CREEK NEAR PAVILION - STATION NO. 08MD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1927	---	---	---	---	---	---	---	---	0	---	---	---	---	1927
MEAN	---	---	---	---	---	---	---	---	0	---	---	---	---	MEAN

LOCATION - LAT 50 55 18 N LONG 121 46 01 W DRAINAGE AREA, 5.18 km^2 NATURAL FLOW

MILKRANCH CREEK NEAR PAVILION - STATION NO. 08MD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1927	---	---	---	---	1927
				---	MEAN

MILLAR CREEK NEAR OUTLET OF ALPHA LAKE - STATION NO. 08GA067

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	3.73	2.38	1.12	0.400	0.368	---	---	---	---	1980
1981	---	---	---	1.48	2.17	2.06	1.65	0.360	0.565	---	---	---	---	1981
1982	---	---	---	1.25	3.87	4.64	1.82	0.636	0.437	---	---	---	---	1982
1983	---	---	---	1.68	2.94	2.74	2.10	0.560	0.476	---	---	---	---	1983
1984	---	---	---	0.841	1.50	2.98	2.07	0.637	0.537	---	---	---	---	1984
1985	---	---	---	2.49	2.83	2.15	0.784	0.238	0.103	---	---	---	---	1985
MEAN	---	---	---	1.55	2.84	2.83	1.59	0.472	0.414	---	---	---	---	MEAN

LOCATION - LAT 50 05 43 N LONG 123 02 32 W DRAINAGE AREA, 14.5 km^2 NATURAL FLOW

MILLAR CREEK NEAR OUTLET OF ALPHA LAKE - STATION NO. 08GA067

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	---	---	---	1981
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	---	---	---	---	1984
1985	---	---	---	---	1985
				---	MEAN

MILLER CREEK AT HIGHWAY NO. 93 - STATION NO. 08NG082

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	0.016	0.007	0	0	0	0	0	---	1977
1978	0	0	0	0.005	0.083	0.230	0.112	0.040	0.017	0.010	0.003	0	0.042	1978
1979	0	0	0	0	0.045	0.091	0.018	0.001	0	0	0	0	0.013	1979
1980	0	0	0	0.017	0.108	0.072	0.025	0.004	0	0	0	0	0.019	1980
1981	0	0	0	0.008	0.126	0.266	0.160	0.041	0.010	0.003	0.001	0	0.051	1981
1982	0	0	0	0	0.046	0.170	0.094	0.026	0.004	0.008	0.001	0	0.029	1982
1983	0	0	0	0.016	0.094	0.171	0.110	0.036	0.012	0.004	0.003	0	0.037	1983
MEAN	0	0	0	0.008	0.084	0.145	0.075	0.021	0.006	0.004	0.001	0	0.032	MEAN

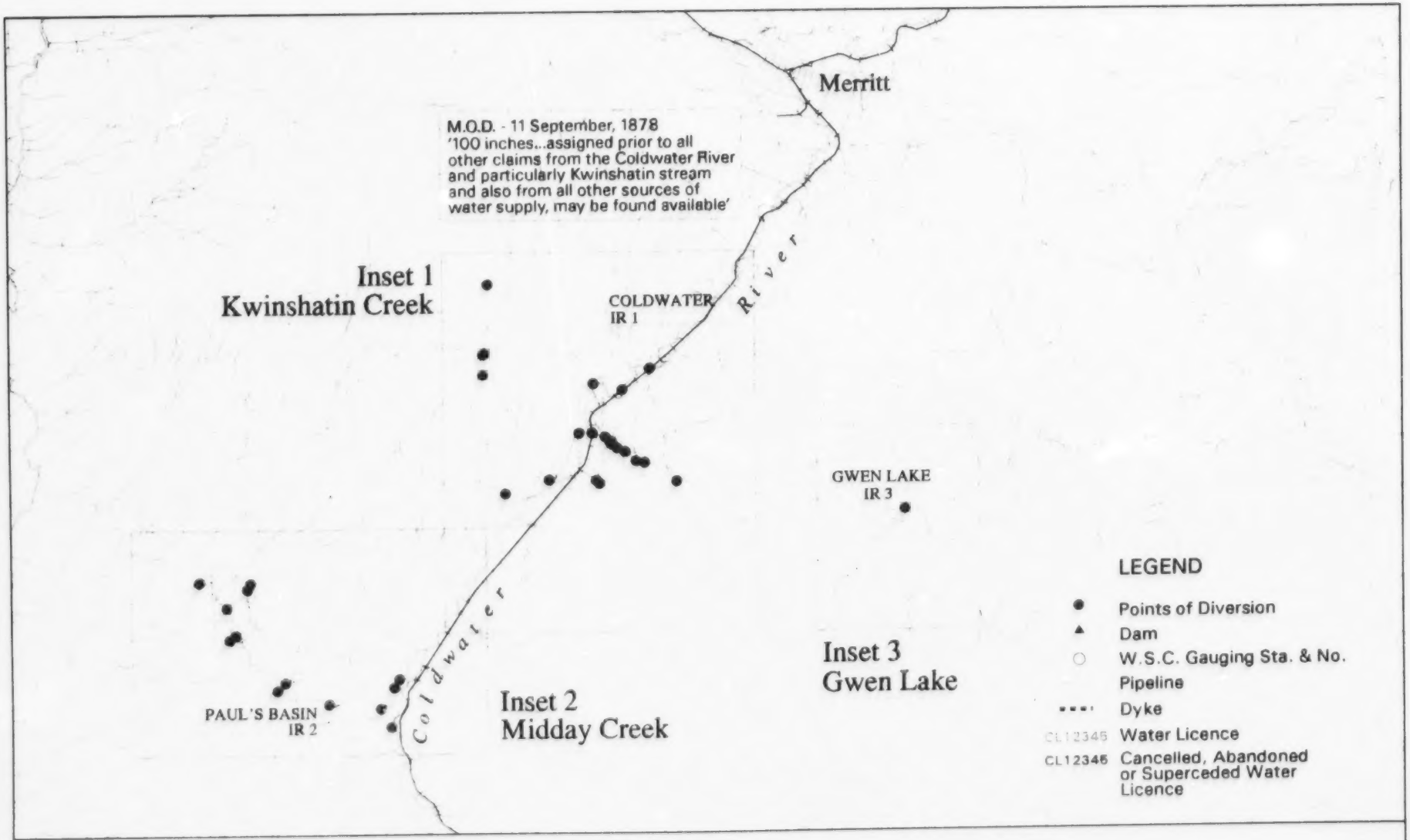
LOCATION - LAT 49 03 10 N LONG 115 03 47 W REGULATED

20/10/95

Ministry of Environment - Water Management Branch - Groundwater Section
Groundwater Database System
Data Summary - with Legal Descriptions and Old Coordinates

BCGS Map Area	Well No.	Well Tag No.	Lot No.	Plan No.	Blk No.	TP	SC	RG	M.L.	Z	X	Y	Old Well No.	L.D.	Site Address	Date Constructed (dmy)	Well Depth (ft.)	Well Diam. (in.)	Drill Contr No.	Const. Method	Well Yield	Yld. Unt.	Depth to Water (ft.)	Depth to Bedrk (ft.)	Aquif Litho	Screen Interval (ft.)	G.W. Rpt	Chem Lab
092H.096.3.3.3	001	000000061558								00	00	00	000	59	PATCHETT PD. (PAULS	01-06-0090	100.0	6.0	036	DRI	20.0	GPM	0		UNC	86-95		
092I.006.2.1.1	001	000000000070							745	00	00	00	000	26	COLDWATER RD		34.0	0.0	064	UNK			UNK	UNK	UNC			
092I.006.2.1.4	001	000000044585								07	11	14	001	26		17-03-1980	200.0	8.0	101	DRI	50.0	GPM	73	UNK	UNC	189-200		
092I.006.2.3.2	001	000000029011								00	00	00	000	59	COLDWATER RESERVE	05-10-1973	305.0	6.0	108	DRI	10.0	GPM	202	UNK	UNC	268-272		
092I.006.2.3.2	002	000000062174								00	00	00	000	59	COLDWATER RD.-KWINSH	03-10-0091	185.0	8.0	036	DRI	508.0	GPM	20		UNC	171-185		
092I.006.2.3.4	001	000000028853								07	11	23	001	26	MAIN VILLAGE COLDWAT	18-09-1973	224.0	6.0	108	DRI	40.0	GPM	10	UNK	UNC	217-221		
092I.006.2.3.4	002	000000034350								07	11	23	002	26	COLDWATER RES	19-02-1976	393.0	6.0	108	DRI	4.0	GPM	42	UNK	UNC	361-365		
092I.006.2.4.1	001	000000061557								00	00	00	000	26	COLDWATER RD	31-05-0090	230.0	6.0	036	DRI	17.5	GPM	155		UNC	215-224		

DISCLAIMER: The Province disclaims all responsibility for the accuracy of this information. This information should not be used as a basis for making financial or any other commitments



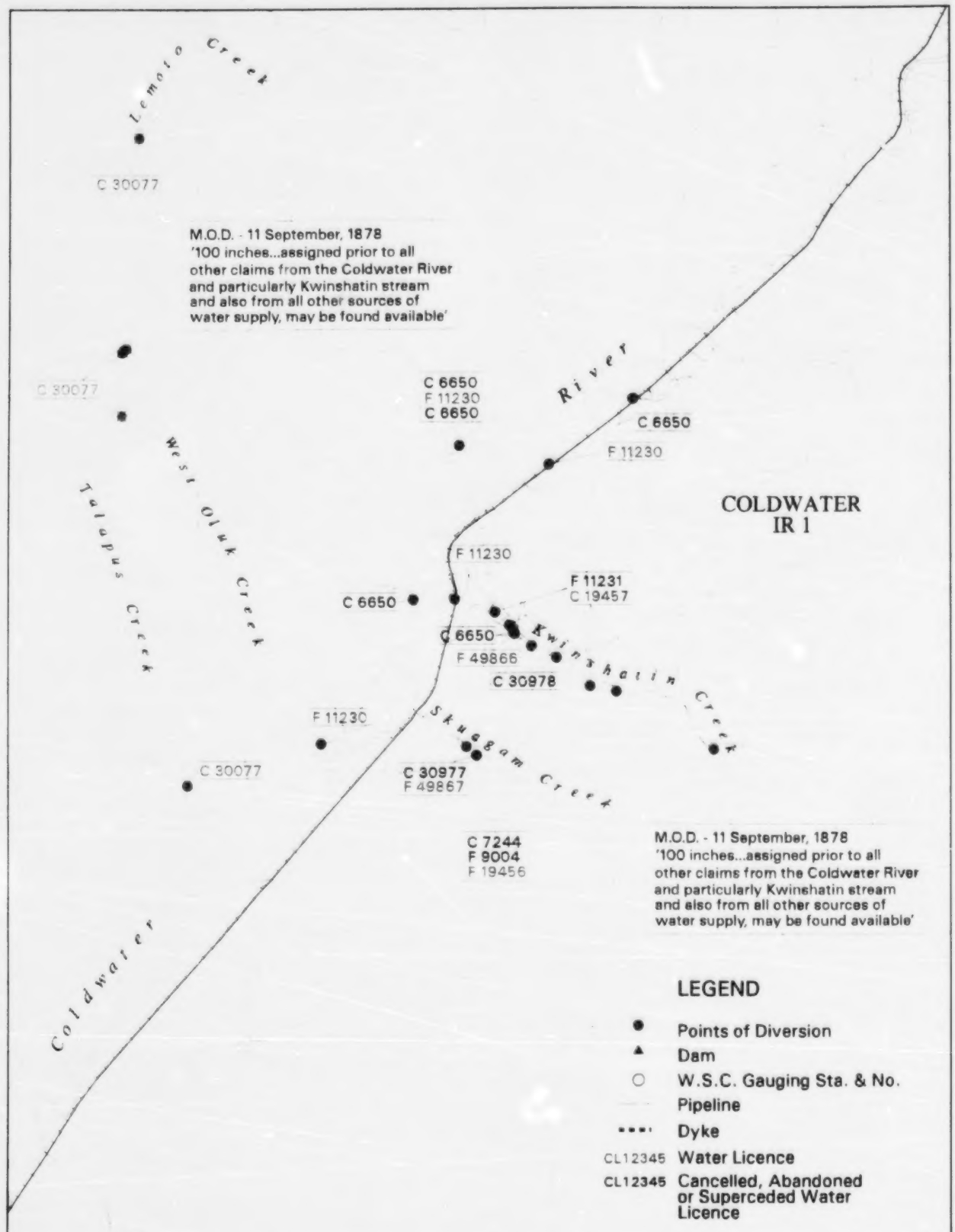
Coldwater

Scale 1:125,000

Date: March 15, 2000

Ministry of Environment, Lands & Parks

Environment & Lands Division



Kwinshatin Creek

Scale 1:40,000

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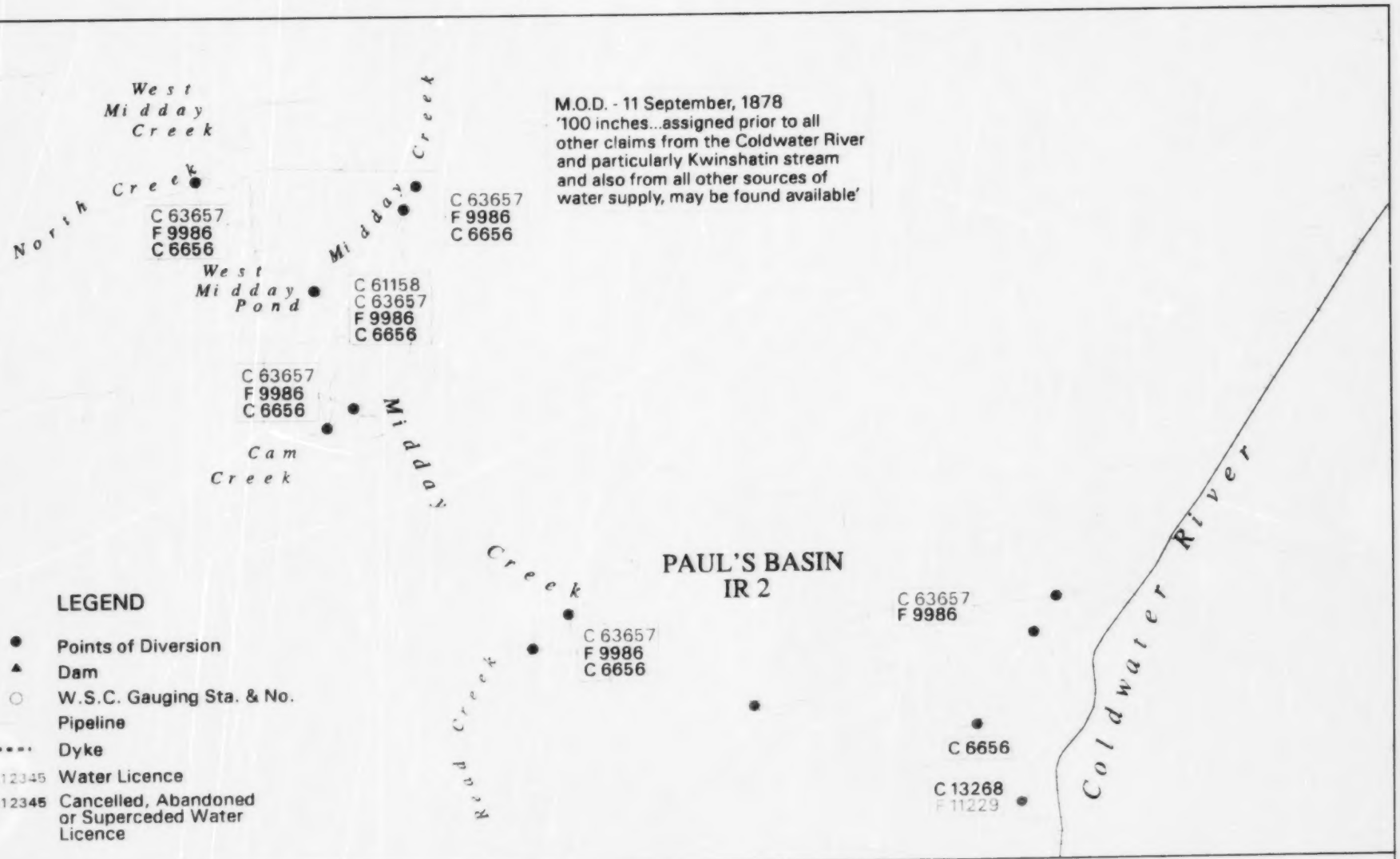

Midday Creek

Scale 1:30,000

Ministry of Environment, Lands & Parks

Date: March 15, 2000

Environment & Lands Division

M.O.D. - 11 September, 1878
'Sufficient water...for reserve from all sources of water supply...which may be available'

C 6657

COLDWATER (MEADOW) IR 3

Gwen Lake

LEGEND

- Points of Diversion
- Dam
- W.S.C. Gauging Sta. & No.
- Pipeline
- Dyke
- CL12345 Water Licence
- CL12345 Cancelled, Abandoned or Superceded Water Licence

Gwen Lake

Scale 1:20,000

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